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(54) **REFRIGERATOR AIR-CHANNEL AIR SUPPLY VOLUME ADJUSTABLE STRUCTURE AND REFRIGERATOR**

STRUKTUR MIT ANPASSBAREM LUFTVERSORGUNGSVOLUMEN EINES
KÜHLSCHRANKLUFTKANALS UND KÜHLSCHRANK

STRUCTURE RÉGLABLE DE VOLUME D'ALIMENTATION EN AIR DE CANAL D'AIR DE
RÉFRIGÉRATEUR ET RÉFRIGÉRATEUR

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Description

[0001] The present application claims priority to Chinese Patent Disclosure No. 2017103578411, filed on May 19, 2017, entitled "Refrigerator Air-duct Air Supply Volume Adjustable Structure and Refrigerator".

FIELD OF TECHNOLOGY

[0002] The present invention relates to the field of refrigerator technologies, and in particular to a refrigerator air-duct air supply volume adjustable structure and a refrigerator.

BACKGROUND

[0003] An air duct is one of the core components of an air-cooled refrigerator. For a single-system dual-compartment refrigerator or a dual-system three-compartment refrigerator, an electric damper is usually used to control the air supply volume of one compartment. Generally speaking, the electric damper only has an opening state and a closing state. Although this kind of control method can control the air supply volume, the cost of the electric damper is high, and the components and parts in cooperation with the electric damper have complicated structures and wrapped internally, the selling point is not obvious.

[0004] JP 2004 061084 A describes the provision of a cold air passage controlling device capable of controlling the cold air quantity passing through a cold air passage by operation of an operation lever. JP 2002 039663 A discloses a refrigerator vegetable compartment air supply volume adjustable structure. CN105 371 564 A discloses a refrigerator with rotatable damper by sliding movement of a poking block. CN 105 222 457 A and CN 204 478 637 U disclose refrigerators with sliding dampers and poking blocks.

SUMMARY

(I) Technical problems to be solved

[0005] One objective of the present invention is to provide a refrigerator air-duct air supply volume adjustable structure capable of adjusting the air volume of a compartment and achieving the human-machine interaction.

[0006] Another objective of the present invention is to provide a refrigerator having the refrigerator air-duct air supply volume adjustable structure above.

Technical solutions

[0007] In order to solve the technical problems above, the present invention provides a refrigerator air-duct air supply volume adjustable structure, including an air duct plate provided with an air outlet, the structure further includes a sliding adjustment plate and a sliding baffle;

an inclined slideway is provided on one side of the sliding adjustment plate, and a poking block protruding outwards is provided on the other side of the sliding adjustment plate;

a pair of sliding chutes vertically opposite to each other are formed in a rear side of the air duct plate, the sliding baffle is located in the pair of sliding chutes, and a guide pillar is fixedly provided on a side, opposite to the sliding adjustment plate, of the sliding baffle; wherein the sliding baffle is slidably connected with the slideway by means of the guide pillar;

a poking hole arranged in the horizontal direction is provided on the air duct plate; wherein the poking block is configured to penetrate out of the poking hole, and the sliding adjustment plate is driven to horizontally slide towards to the left and right by poking the poking block, so that the sliding baffle is driven to slide upwards and downwards along the air outlet to adjust the size of the air outlet.

[0008] In an embodiment of the present invention, the slideway is an oblong hole inclined from bottom to top from one end of the sliding adjustment plate.

[0009] In an embodiment of the present invention, the guide pillar penetrates out of the oblong hole, and a penetrating end of the guide pillar is engaged by an engaging member.

[0010] In an embodiment of the present invention, a side facing the air duct plate of the sliding adjustment plate is provided with a snap-fit, the air duct plate is provided with a plurality of slots disposed at intervals, and the position limitation is achieved when the snap-fit is clipped into the slots.

[0011] In an embodiment of the present invention, three slots are provided corresponding to movement states of the sliding baffle such that the air outlet is fully opened, the air outlet is half opened and the air outlet is fully closed.

[0012] In an embodiment of the present invention, a concave groove concavely recessed is provided at a position where the poking block is provided on the sliding adjustment plate, and the poking block is fixedly arranged in the concave groove.

[0013] In an embodiment of the present invention, the poking block and the concave groove are integrally formed.

[0014] In an embodiment of the present invention, the poking hole is an oblong hole, and the concave groove is disposed opposite to the poking hole.

[0015] The present invention further provides a refrigerator, including the refrigerator air-duct air supply volume adjustable structure above.

Beneficial effects

[0016] Compared to the prior art, the present invention has at least the following advantages:

[0017] The present invention provides a refrigerator air-duct air supply volume adjustable structure and a refrigerator, wherein, the refrigerator air-duct air supply volume adjustable structure includes an air duct plate, a sliding adjustment plate and a sliding baffle. An inclined slideway is provided on one side of the sliding adjustment plate, and a poking block protruding outwards is provided on the other side of the sliding adjustment plate; a pair of sliding chutes vertically opposite to each other are formed in a rear side of the air duct plate, the sliding baffle is located in the pair of sliding chutes, and a guide pillar is fixedly provided on a side, opposite to the sliding adjustment plate, of the sliding baffle; the sliding baffle is slidably connected with the slideway by means of the guide pillar; a poking hole arranged in the horizontal direction is provided on the air duct plate, and the poking block is configured to penetrate out of the poking hole; the sliding adjustment plate is driven to horizontally slide towards to the left and right by poking the poking block, so that the sliding baffle is driven to slide upwards and downwards along the air outlet to adjust the size of the air outlet, thereby achieving both the manual control of the air volume of the compartment of the refrigerator and the human-machine interaction.

BRIEF DESCRIPTION OF THE DRAWINGS

[0018]

Fig. 1 is a schematic diagram showing the connection relations of the main movement mechanisms of a refrigerator air-duct air supply volume adjustable structure according to an embodiment of the present invention;

Fig. 2 is a front schematic view showing the closed air outlet according to an embodiment of the present invention;

Fig. 3 is a rear schematic view showing the closed air outlet according to an embodiment of the present invention;

Fig. 4 is a front schematic view showing the half opened air outlet according to an embodiment of the present invention;

Fig. 5 is a rear schematic view showing the half opened air outlet according to an embodiment of the present invention;

Fig. 6 is a front schematic view showing the fully opened air outlet according to an embodiment of the present invention;

Fig. 7 is a rear schematic view showing the fully opened air outlet according to an embodiment of the present invention;

Description of the reference numbers

[0019]

1	air duct plate	11	air outlet
12	poking hole	13	slot
14	sliding chute	2	sliding adjustment plate
21	slideway	22	poking block
23	snap-fit	24	concave groove
3	sliding baffle	4	guide pillar

DETAILED DESCRIPTION

[0020] Hereinafter, the specific implementations of the present invention will be further described in detail with reference to the accompanying drawings and embodiments. The following embodiments are used to illustrate the present invention, but are not intended to limit the scope thereof.

[0021] It should be noted that, in the description of the present disclosure, the orientation or position relations indicated by the terms "center", "longitudinal", "lateral", "upper", "lower", "front", "rear", "left", "right", "vertical", "horizontal", "top", "bottom", "inner", "outer" and etc. are based on the orientation or position relations shown in the drawings, which is merely for the convenience of describing the present disclosure and simplifying the description, and is not to indicate or imply that the device or component referred to must have a specific orientation or be provided and operated in a specific orientation. Therefore, it cannot be construed as limiting the present disclosure.

[0022] In the description of the present disclosure, it should be noted that unless specifically defined or limited, the terms "mounted", "connect to", and "connect with" should be understood in a broad sense, for example, they may be fixed connections, removable connections, or integrated connections; they may be mechanical connections or electrical connections; they may also be direct connections, indirect connections through intermediate mediums, or internal connection of two components. For a person of ordinary skill in the art, the specific meanings of the terms above in the present disclosure can be understood according to specific situations.

[0023] In addition, unless specified otherwise, "multiple", "a plurality of" and "a plurality of sets" means two or more in the description of the present disclosure.

[0024] As shown in Figs. 1-7, the refrigerator air-duct air supply volume adjustable structure provided by the present invention includes an air duct plate 1 provided with an air outlet 11, and further including a sliding adjustment plate 2 and a sliding baffle 3.

[0025] As shown in Fig. 1, an inclined slideway 21 is provided on one side of the sliding adjustment plate 2, and correspondingly, the corner above the slideway 21 of the sliding adjustment plate 2 is configured as a slope having the same inclining direction with that of the slideway 21; a poking block 22 protruding outwards is provided on the other side of the sliding adjustment plate 2.

[0026] A pair of sliding chutes 14 vertically opposite to

each other are formed in the rear side of the air duct plate 1. The sliding baffle 3 is located in the pair of sliding chutes 14, for limiting the sliding direction of the sliding baffle 3, and a guide pillar 4 is fixedly provided on the side, opposite to the sliding adjustment plate 2, of the sliding baffle 3. The sliding baffle 3 is slidably connected with the slideway 21 by means of the guide pillar 4. In order to prevent the guide pillar 4 from disengaging the slideway 21 during movement, an anti-disengaging structure may be provided at the end portion of the guide pillar 4.

[0027] A poking hole 12 formed in the horizontal direction is provided on the air duct plate 1. The poking block 22 is configured to penetrate out of the poking hole 12, wherein the length of the poking hole 12 is greater than the diameter of the poking block 22, thereby facilitating poking the poking block 22. The sliding adjustment plate 2 is driven to horizontally slide towards the left and right by poking the poking block 22, so that the sliding baffle 3 slides obliquely along the slideway 21 and slides upwards and downwards along the sliding chutes 14, thus the sliding baffle 3 is driven to slide upwards and downwards along the air outlet 11 to adjust the air outlet volume of the air outlet 11. The adjustment of the air outlet 11 of the present invention is completely achieved by the cooperation between mechanically structural members, the advantages of simple structure, low cost and reliable operation are achieved, the air volume of the compartment can be manually controlled, and the selling point is manifested.

[0028] In the embodiments of the present invention, as shown in Fig. 1, the slideway 21 is an oblong hole inclined from the bottom to the top from one end of the sliding adjustment plate 2; the guide pillar 4 penetrates out of the oblong hole, and the penetrating end of the guide pillar 4 is engaged by an engaging member to prevent the guide pillar 4 from disengaging the oblong hole, and to ensure that the guide pillar 4 drives the sliding baffle 3 to slide steadily with a suitable length. The engaging member can be a snap spring.

[0029] In the embodiments of the present invention, the side facing the air duct plate 1 of the sliding adjustment plate 2 is provided with a snap-fit 23, the end portion of the snap-fit 23 is a tip end or a hook-shaped end. The air duct plate 1 is provided with a plurality of slots disposed at intervals, i.e., corresponding to a plurality of adjustment gears. The arrangement direction of the slots 13 is the moving direction of the sliding adjustment plate 2, and the position limitation is achieved when the snap-fit 23 is clipped into the slots 13, so that when the poking block 22 is poked, the hand feeling of the operator can be enhanced, and the operating gear can be perceived in real time.

[0030] In the embodiments of the present invention, three slots 13 are provided corresponding to movement states of the sliding baffle 3 such that the air outlet 11 is fully opened, the air outlet 11 is half opened and the air outlet 11 is fully closed. As shown in Figs. 2-7, in the case

that the air outlet 11 is fully closed in Fig. 2 and Fig. 3, the snap-fit 23 stops at the first slot 13. The poking block 22 is pushed towards the right by 20mm, and the guide pillar 4 of the sliding baffle 3 moves upwards along the slideway 21 by 13.5mm, at this time the air outlet 11 is half opened and the snap-fit 23 is pushed to the second slot 13, as shown in Figs. 4 and 5. The poking block 22 is pushed continuously towards the right by 20mm, and the guide pillar 4 of the sliding baffle 3 moves up continuously along the slideway 21 by 13.5mm, so that the air outlet 11 is fully opened and the snap-fit 23 is pushed to the third slot 13, as shown in Fig. 6 and Fig. 7.

[0031] In the embodiments of the present invention, in order to facilitate the arrangement of the poking block 22, a concave groove 24 concavely recessed is provided at the position where the poking block 22 is provided on the sliding adjustment plate 2. The concave groove 24 is horizontally arranged, and the poking block 22 is fixedly arranged in the concave groove 24. Specifically, the poking block 22 and the concave groove 24 are integrally formed.

[0032] As shown in Figs. 2, 4 and 6, the poking hole 12 is an oblong hole corresponding to the adjustable length of the poking block 22. The concave groove 24 is disposed opposite to the poking hole 12, and providing the concave groove 24 can reduce the friction between the sliding adjustment plate 2 and the air duct plate 1 when the poking block 22 is poked.

[0033] The present invention further provides a refrigerator, including the refrigerator air-duct air supply volume adjustable structure above. The compartment air supply volume of the refrigerator is adjustable, which is convenient in use.

[0034] According to the embodiments above that, the present invention provides the size-adjustment of the air outlet by the cooperation between mechanically structural members, and achieves both the manual control of the air inlet volume of the compartment of the refrigerator and the human-machine interaction.

Claims

1. A refrigerator air-duct air supply volume adjustable structure, comprising an air duct plate (1) provided with an air outlet (11), wherein the structure further comprises a sliding adjustment plate (2) and a sliding baffle (3);

an inclined slideway (21) is provided on one side of the sliding adjustment plate (2), and a poking block (22) protruding outwards is provided on the other side of the sliding adjustment plate (2), a pair of sliding chutes (14) vertically opposite to each other is formed in a rear side of the air duct plate (1), the sliding baffle (3) is located in the pair of sliding chutes (14), and a guide pillar (4) is fixedly provided on a side, opposite to the

- sliding adjustment plate (2), of the sliding baffle (3); wherein the sliding baffle (3) is slidably connected with the slideway (21) by means of the guide pillar (4); and
a poking hole (12) arranged in the horizontal direction is provided on the air duct plate (1); wherein the poking block (22) is configured to penetrate out of the poking hole (12), and the sliding adjustment plate (2) is driven to horizontally slide towards to the left and right by poking the poking block (22), so that the sliding baffle (3) is driven to slide upwards and downwards along the air outlet (11) to adjust the size of the air outlet (11).
2. The refrigerator air-duct air supply volume adjustable structure of claim 1, **characterized in that**, the slideway (21) is an oblong hole inclined from bottom to top from one end of the sliding adjustment plate (2).
 3. The refrigerator air-duct air supply volume adjustable structure of claim 2, **characterized in that**, the guide pillar (4) penetrates out of the oblong hole, and a penetrating end of the guide pillar (4) is engaged by an engaging member.
 4. The refrigerator air-duct air supply volume adjustable structure of claim 1, **characterized in that**, a side facing the air duct plate (1) of the sliding adjustment plate (2) is provided with a snap-fit (23), the air duct plate (1) is provided with a plurality of slots disposed at intervals, and the position limitation is achieved when the snap-fit (23) is clipped into the slots .
 5. The refrigerator air-duct air supply volume adjustable structure of claim 4, **characterized in that**, three slots are provided corresponding movement states of the sliding baffle (3) such that the air outlet (11) is fully opened, the air outlet (11) is half opened and the air outlet (11) is fully closed.
 6. The refrigerator air-duct air supply volume adjustable structure of claim 1, **characterized in that**, a concave groove (24) is provided at a position where the poking block (22) is provided on the sliding adjustment plate (2), and the poking block (22) is fixedly arranged in the concave groove (24).
 7. The refrigerator air-duct air supply volume adjustable structure of claim 6, **characterized in that**, the poking block (22) and the concave groove (24) are integrally formed.
 8. The refrigerator air-duct air supply volume adjustable structure of claim 7, **characterized in that**, the poking hole (12) is an oblong hole, and the concave groove (24) is disposed opposite to the poking hole

(12).

9. A refrigerator, **characterized in** comprising the refrigerator air-duct air supply volume adjustable structure of any of claims 1 to 8.

Patentansprüche

1. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜhlschrankschrankluftkanals, umfassend eine Luftkanalplatte (1), die mit einem Luftauslass (11) versehen ist, wobei die Struktur ferner eine gleitende Einstellplatte (2) und ein gleitendes Leitblech (3) umfasst;
auf einer Seite der gleitenden Einstellplatte (2) eine geneigte Gleitführung (21) bereitgestellt ist, und auf der anderen Seite der gleitenden Einstellplatte (2) ein nach außen vorstehender Stocherblock (22) bereitgestellt ist, ein Paar von Gleitrinnen (14), das einander vertikal gegenüberliegt, in einer Rückseite der Luftkanalplatte (1) ausgebildet ist, wobei das gleitende Leitblech (3) in dem Paar von Gleitrinnen (14) angeordnet ist und eine Führungssäule (4) fest an einer Seite des gleitenden Leitblechs (3), die der gleitenden Einstellplatte (2) gegenüberliegt, bereitgestellt ist; wobei das gleitende Leitblech (3) mittels der Führungssäule (4) gleitend mit der Gleitführung (21) verbunden ist; und ein Stocherloch (12), das in der horizontalen Richtung angeordnet ist, auf der Luftkanalplatte (1) bereitgestellt ist; wobei der Stocherblock (22) dazu konfiguriert ist, aus dem Stocherloch (12) herauszuragen, und die gleitende Einstellplatte (2) angetrieben wird, um horizontal nach links und rechts zu gleiten, indem der Stocherblock (22) gestoßen wird, so dass das gleitende Leitblech (3) angetrieben wird, um entlang des Luftauslasses (11) nach oben und nach unten zu gleiten, um die Größe des Luftauslasses (11) einzustellen.
2. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜhlschrankschrankluftkanals nach Anspruch 1, **dadurch gekennzeichnet, dass** die Gleitführung (21) ein Langloch ist, das von einem Ende der gleitenden Einstellplatte (2) aus von unten nach oben geneigt ist.
3. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜhlschrankschrankluftkanals nach Anspruch 2, **dadurch gekennzeichnet, dass** die Führungssäule (4) aus dem Langloch herausragt und ein eindringendes Ende der Führungssäule (4) durch ein Eingriffselement in Eingriff gebracht wird.

4. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜHLSCHRANKLUFTKANALS nach Anspruch 1, **dadurch gekennzeichnet, dass** eine der Luftkanalplatte (1) zugewandte Seite der gleitenden Einstellplatte (2) mit einem Schnappverschluss (23) versehen ist, wobei die Luftkanalplatte (1) mit einer Vielzahl von Schlitzfenstern versehen ist, die in Abständen angeordnet sind, und die Positionsbegrenzung erreicht wird, wenn der Schnappverschluss (23) in die Schlitzfenster eingeklinkt wird. 5 10
5. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜHLSCHRANKLUFTKANALS nach Anspruch 4, **dadurch gekennzeichnet, dass** entsprechend den Bewegungszuständen des gleitenden Leitblechs (3) drei Schlitzfenster bereitgestellt werden, so dass der Luftauslass (11) vollständig geöffnet ist, der Luftauslass (11) halb geöffnet ist und der Luftauslass (11) vollständig geschlossen ist. 15 20
6. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜHLSCHRANKLUFTKANALS nach Anspruch 1, **dadurch gekennzeichnet, dass** eine konkave Nut (24) an einer Position bereitgestellt wird, an der der Stoßblock (22) auf der gleitenden Einstellplatte (2) bereitgestellt wird, und der Stoßblock (22) fest in der konkaven Nut (24) angeordnet ist. 25
7. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜHLSCHRANKLUFTKANALS nach Anspruch 6, **dadurch gekennzeichnet, dass** der Stoßblock (22) und die konkave Nut (24) einstückig ausgebildet sind. 30
8. Struktur mit anpassbarem Luftversorgungsvolumen eines KÜHLSCHRANKLUFTKANALS nach Anspruch 7, **dadurch gekennzeichnet, dass** das Stoßloch (12) ein Langloch ist und die konkave Nut (24) gegenüber dem Stoßloch (12) angeordnet ist. 35
9. KÜHLSCHRANK, **dadurch gekennzeichnet, dass** er die Struktur mit anpassbarem Luftversorgungsvolumen eines KÜHLSCHRANKLUFTKANALS nach einem der Ansprüche 1 bis 8 umfasst. 40 45

Revendications

1. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur, comprenant une plaque de conduit d'air (1) pourvue d'une sortie d'air (11), dans laquelle la structure comprend en outre une plaque de réglage coulissante (2) et un déflecteur coulissant (3) ;

une glissière inclinée (21) est prévue d'un côté de la plaque de réglage coulissante (2), et un bloc d'enclenchement (22) faisant saillie vers

l'extérieur est prévu de l'autre côté de la plaque de réglage coulissante (2),
une paire de goulottes coulissantes (14) verticalement opposées l'une à l'autre est formée dans un côté arrière de la plaque de conduit d'air (1), le déflecteur coulissant (3) est situé dans la paire de goulottes coulissantes (14), et un montant de guidage (4) est prévu de manière fixe sur un côté, opposé à la plaque de réglage coulissante (2), du déflecteur coulissant (3) ; dans laquelle le déflecteur coulissant (3) est relié de manière coulissante à la glissière (21) au moyen du montant de guidage (4) ; et un trou d'enclenchement (12) agencé dans la direction horizontale est prévu sur la plaque de conduit d'air (1) ; dans laquelle le bloc d'enclenchement (22) est configuré pour pénétrer à l'extérieur du trou d'enclenchement (12), et la plaque de réglage coulissante (2) est entraînée pour coulisser horizontalement vers la gauche et la droite par enclenchement du bloc d'enclenchement (22), de sorte que le déflecteur coulissant (3) est entraîné pour coulisser vers le haut et vers le bas le long de la sortie d'air (11) pour régler la taille de la sortie d'air (11).

2. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon la revendication 1, **caractérisée en ce que** la glissière (21) est un trou oblong incliné de bas en haut à partir d'une extrémité de la plaque de réglage coulissante (2).

3. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon la revendication 2, **caractérisée en ce que** le pilier de guidage (4) pénètre à l'extérieur du trou oblong et une extrémité pénétrante du pilier de guidage (4) est mise en prise par un élément de mise en prise.

4. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon la revendication 1, **caractérisée en ce qu'un** côté en regard de la plaque de conduit d'air (1) de la plaque de réglage coulissante (2) est pourvu d'un encliquetage (23), la plaque de conduit d'air (1) est pourvue d'une pluralité de fentes disposées à intervalles, et la limitation de position est obtenue lorsque l'encliquetage (23) est encliqueté dans les fentes.

5. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon la revendication 4, **caractérisée en ce que** trois fentes sont prévues correspondant à des états de déplacement du déflecteur coulissant (3), de sorte que la sortie d'air (11) est complètement ouverte, la sortie d'air (11) est à moitié ouverte et la sortie d'air (11) est complètement fermée.

6. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon la revendication 1, **caractérisée en ce qu'**une rainure concave (24) est prévue à un endroit où le bloc d'enclenchement (22) est prévu sur la plaque de réglage coulissante (2), et le bloc d'enclenchement (22) est agencé de manière fixe dans la rainure concave (24). 5
7. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon la revendication 6, **caractérisée en ce que** le bloc d'enclenchement (22) et la rainure concave (24) sont formés d'une seule pièce. 10
8. Structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon la revendication 7, **caractérisée en ce que** le trou d'enclenchement (12) est un trou oblong, et la rainure concave (24) est disposée à l'opposé du trou d'enclenchement (12). 15 20
9. Réfrigérateur, **caractérisé en ce qu'**il comprend la structure réglable de volume d'alimentation en air de conduit d'air de réfrigérateur selon l'une quelconque des revendications 1 à 8. 25

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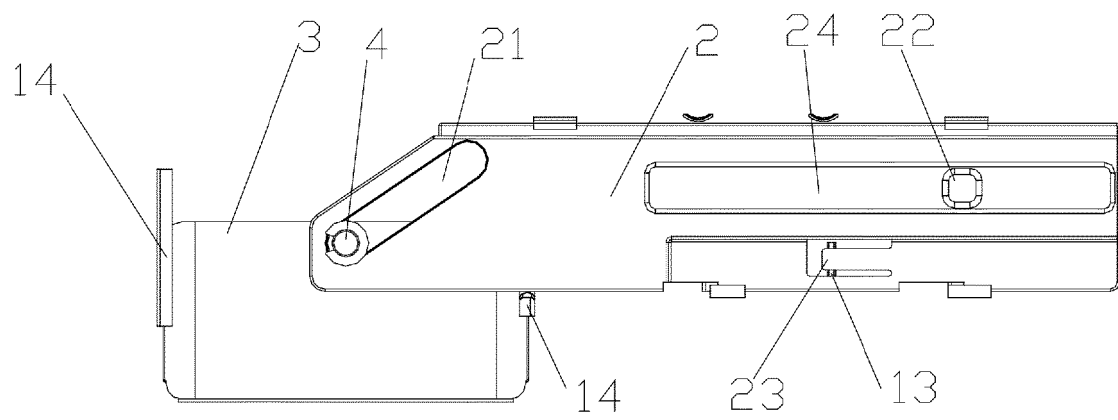


Fig. 1

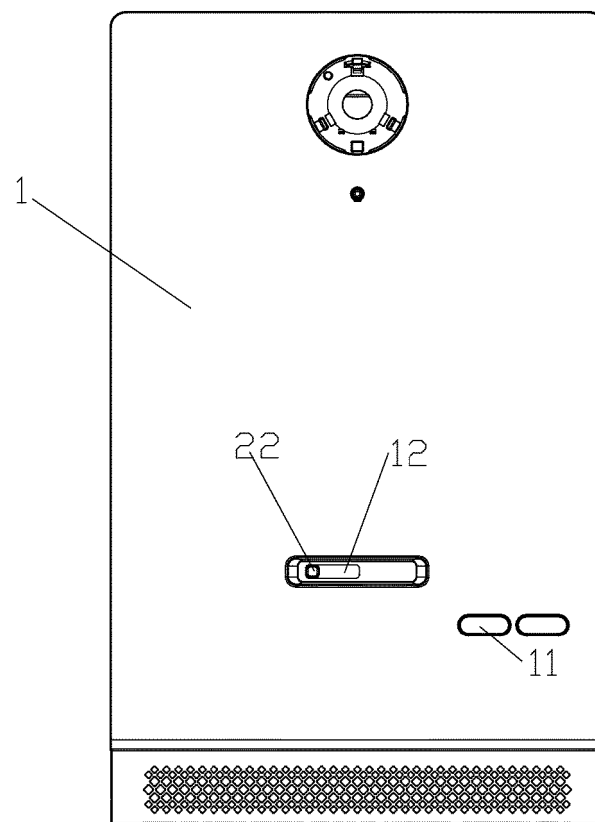


Fig. 2

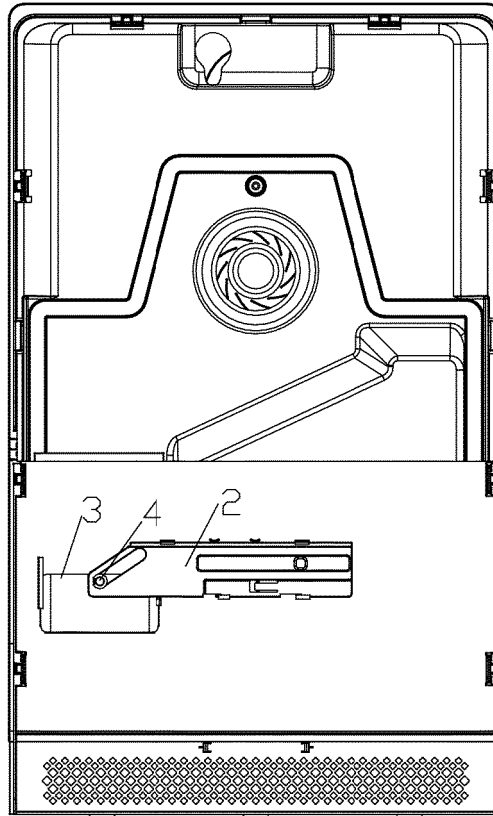


Fig. 3

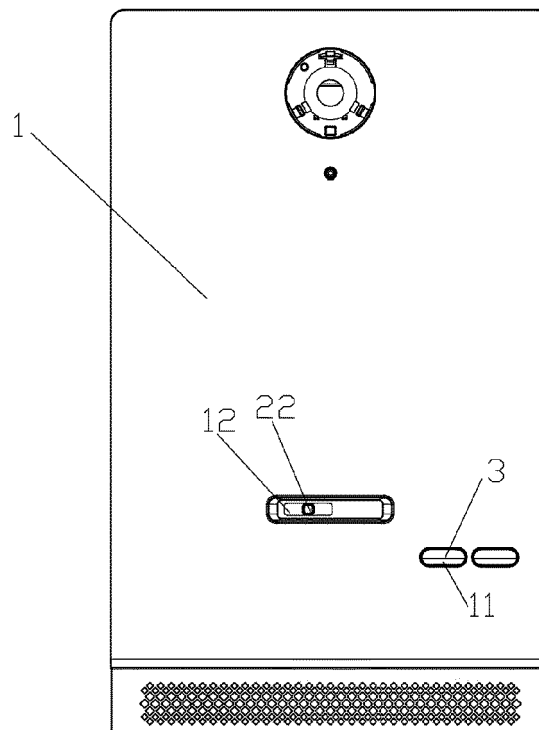


Fig. 4

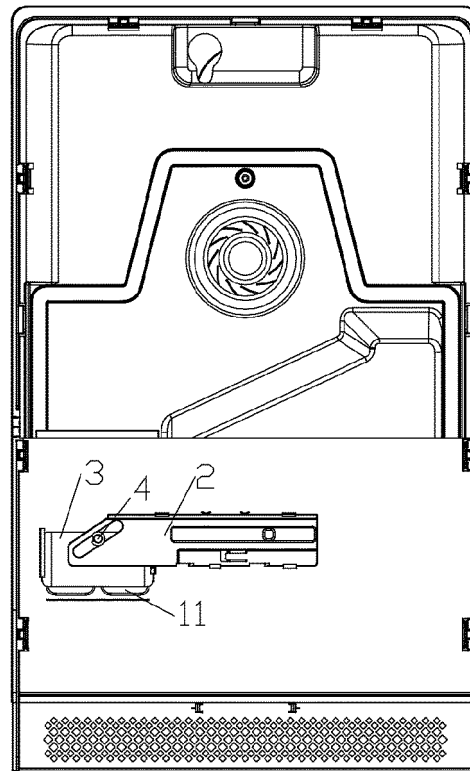


Fig. 5

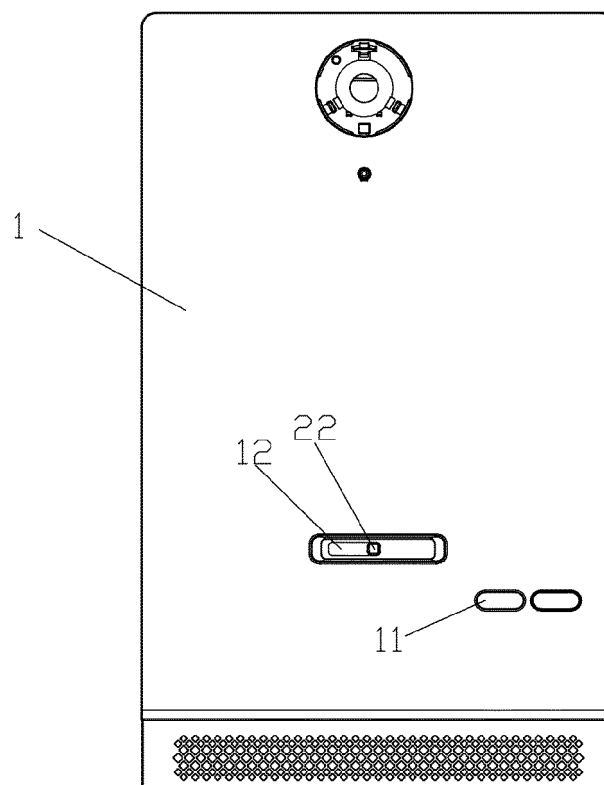


Fig. 6

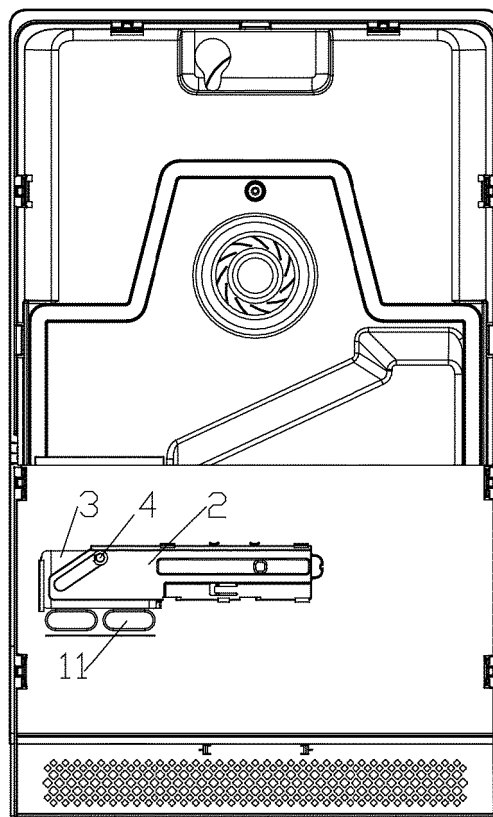


Fig. 7

REFERENCES CITED IN THE DESCRIPTION

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