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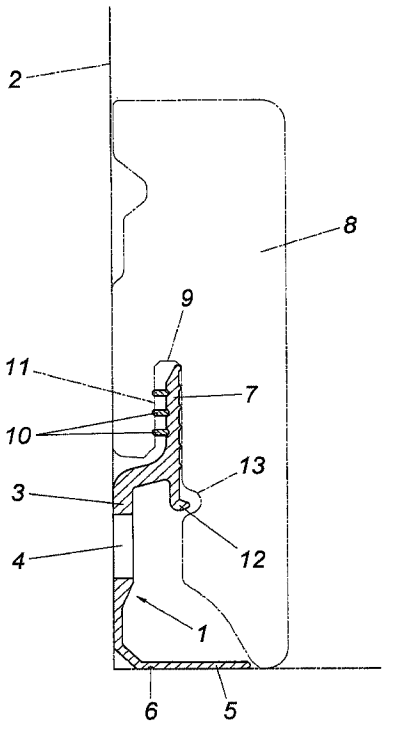
(54) **Titre : DISPOSITIF DE FIXATION D'UNE BAGUETTE DE BORD SUR UN MUR**
(54) **Title: DEVICE FOR FASTENING A BASEBOARD TO A WALL**



(57) **Abrégé/Abstract:**
A device is described for fastening a baseboard (8) to a wall (2) having a mounting profile (1) made of plastic, which forms a wall leg (3) and a receptacle web (7) for the baseboard (8), which is arranged offset transversely in relation to the wall leg (3) and has clamping ribs (10) extending in the web longitudinal direction. To provide advantageous structural conditions, it is proposed that the clamping ribs (10) be coextruded from a flexible plastic with the mounting profile (1).

ABSTRACT OF THE DISCLOSURE

Device for fastening a baseboard to a wall

A device is described for fastening a baseboard (8) to a wall (2) having a mounting profile (1) made of plastic, which forms a wall leg (3) and a receptacle web (7) for the baseboard (8), which is arranged offset transversely in relation to the wall leg (3) and has clamping ribs (10) extending in the web longitudinal direction. To provide advantageous structural conditions, it is proposed that the clamping ribs (10) be coextruded from a flexible plastic with the mounting profile (1).

(Figure)

Device for fastening a baseboard to a wall

1. Field of the Invention

The invention relates to a device for fastening a baseboard to a wall having a mounting profile made of plastic, which forms a wall leg and a receptacle web for the baseboard, which is arranged offset transversely in relation to the wall leg and has clamping ribs extending in the web longitudinal direction.

2. Description of the Prior Art

For fastening baseboards for floors, providing a mounting profile made of plastic is known (EP 2 169 143 A2), which has a wall leg fastenable on the wall and a receptacle web for the baseboard, which is plugged onto the receptacle web, which is offset away from the wall in relation to the wall leg and is approximately parallel to the wall. The receptacle web engages in this case in a receptacle groove of the baseboard, which is fixed with the aid of clamping ribs provided on the receptacle web. Because a nonlinear course of the wall has to be expected, difficulties result when plugging the baseboard onto the receptacle web of the mounting profile. As a result, longer sections of the baseboards require a greater allowance in relation to the engagement of the receptacle web in the receptacle groove of the baseboard provided for this purpose in case of a nonlinear course of the wall, to be able to plug the baseboard onto the mounting profile, while with shorter sections of the baseboard, a sufficient clamp connection between the receptacle web and the baseboard is endangered by such an allowance.

In order that a secure clamp of the receptacle web of a mounting profile in the receptacle groove of the baseboard can be ensured, bending the receptacle web into the shape of a hairpin is additionally known (WO 02/066764 A2), so that the two legs, which are each provided on the outer side with clamping ribs, of the hairpin-shaped receptacle web spring apart. The legs, which are pressed apart from one another under a pre-tension upon insertion of the receptacle web into the receptacle groove of the

baseboard, therefore cause a springy contact of the clamping ribs on the walls of the receptacle groove and thus a tolerance compensation. The plugging of longer sections of the baseboard in particular onto a springy spread-apart receptacle web is in no way facilitated in the case of nonlinear courses of the wall, however.

SUMMARY OF THE INVENTION

The invention is therefore based on the object of designing a fastening device for baseboards so that not only the plugging of the baseboard onto the mounting profile, which is fastened on the wall, is facilitated independently of the respective length of the baseboard section to be plugged on, but rather also a secure clamp connection, which is substantially independent of the respective section length of the baseboard, can be achieved between the mounting profile and the baseboard.

Proceeding from a device of the type described at the outset, the invention achieves the stated object in that the clamping ribs are coextruded with the mounting profile from a flexible plastic.

Because the clamping ribs are formed from a flexible plastic, when the baseboard is plugged onto the rigid receptacle web, they are pivoted via the walls of the receptacle groove of the baseboard in the plugging direction toward the receptacle web with the effect that they provide the clearance required for the engagement of the receptacle web in the receptacle groove of the baseboard to plug the baseboard onto the receptacle web of the mounting profile in the case of a nonlinear course of the wall. The clamping ribs, which are pivoted in toward the receptacle web in the plugging direction as a result of their flexibility, which is sufficient for this purpose, press in this case with a friction lock against the wall of the receptacle groove of the baseboard as a result of the intrinsic elasticity, so that these clamping ribs have to be bent over in the withdrawal direction to withdraw the baseboard from the receptacle web of the mounting profile, which is accompanied by an increased deformation resistance and therefore ensures a secure hold of the baseboard on the mounting profile in spite of the flexible clamping

ribs. This is true in particular if the unloaded receptacle web including the flexible clamping ribs has a thickness which exceeds the width of the receptacle groove of the baseboard. Because the mounting profile is manufactured from a substantially rigid plastic, the flexible clamping ribs can be produced in a comparatively simple manner jointly with the mounting profile by coextrusion.

As a result of the intrinsic elasticity of the clamping ribs, a pressure force is exerted via the clamping ribs on the walls of the receptacle groove of the baseboard. This pressure force can advantageously be utilized to hold the baseboard in contact on the wall if the clamping ribs made of the flexible plastic are provided on the side of the receptacle web facing toward the wall leg.

To increase the withdrawal resistance of the baseboard from the receptacle web, the clamping ribs can form clamping lips protruding transversely from the receptacle web, which have a width corresponding to at least twice the thickness, which facilitates the pivoting in of the clamping ribs toward the receptacle web upon insertion of the receptacle web into the receptacle groove of the baseboard, but makes the withdrawal of the baseboard from the receptacle web more difficult as a result of the width of the clamping ribs.

According to some embodiments disclosed herein, there is provided a device for fastening a baseboard to a wall comprising: a mounting profile made of plastic, which forms a wall leg, and an upwardly protruding receptacle web for the baseboard, the upwardly protruding receptable web is arranged offset transversely in relation to the wall leg for engaging in a downwardly open groove of the baseboard for clamping accommodation of the baseboard, the upwardly protruding receptacle web being configured so that the baseboard with the downwardly open groove is pluggable onto the upwardly protruding receptacle web when the mounting profile is fastened on the wall, and clamping ribs extending in the web longitudinal direction, wherein the clamping ribs are coextruded from a flexible plastic with the mounting profile, and

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wherein the clamping ribs made of the flexible plastic are provided on a side of the receptacle web facing toward the wall leg.

BRIEF DESCRIPTION OF THE DRAWING

The subject matter of the invention is illustrated by way of example in the drawing, specifically a device according to the invention for fastening a baseboard to a wall is shown in a schematic cross section.

DESCRIPTION OF THE PREFERRED EMBODIMENT

The device according to the invention has an extruded mounting profile 1 made of plastic, which forms a wall leg 3 fastenable to a wall 2, which is provided at longitudinal intervals with longitudinal holes 4 for fastening screws. The wall leg 3 protrudes from a

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bottom leg 5, which is connected via an intended breakpoint 6 to the wall leg 3 and can be separated from the wall leg 3 if needed. On the side opposite to the bottom leg 5, the mounting profile 1 forms a receptacle web 7 for the baseboard 8 to be fastened on the wall 2, which has a receptacle groove 9 for the receptacle web 7 for this purpose. The receptacle web 7, which is offset away from the wall 2 in relation to the wall leg 3 and extends approximately in parallel to the wall 2 or to the wall leg 3, is provided on the side facing toward the wall leg 3 with clamping ribs 10 extending in the web longitudinal direction, which are formed in the exemplary embodiment as clamping lips protruding transversely in relation to the receptacle web 7. These lip-shaped clamping ribs 10 are produced from a flexible plastic, specifically by coextrusion with the essentially rigid mounting profile 1, so that the clamping ribs 10, which are formed from a sufficiently flexible plastic, can be pivoted in relation to the receptacle web 7.

When the baseboard 8 is plugged onto the receptacle web 7 of the mounting profile 1, which is fastened on the wall 2, the clamping ribs 10 are accordingly pivoted by the applied wall 11 of the receptacle groove 9 of the baseboard 8 toward the receptacle web 7, which is accompanied by a tolerance compensation, on the one hand, and enables a substantial compensation to a nonlinear course of the wall, on the other hand, so that the baseboard 8 can be plugged in a comparatively simple manner onto the receptacle web 7. The clamping ribs 10, which press with a pre-tension against the wall 11 of the receptacle groove 9 as a result of the intrinsic elasticity thereof, ensure a good hold of the baseboard 8 in spite of the flexibility thereof, because the withdrawal resistance of the baseboard 8 from the receptacle web 7 is substantially greater in comparison to the plugging resistance as a result of the clamping ribs 10, which are pivoted in toward the receptacle web 7 in the plugging direction. To withdraw the baseboard 8 from the receptacle web 7, the clamping ribs 10 have to be bent over in the opposite direction in the withdrawal direction toward the receptacle web 7, which requires overcoming a corresponding deformation resistance as a result of the width of the clamping ribs 10, which exceeds the distance of the groove wall 11 from the receptacle web 7.

In addition, the mounting profile 1 can be provided with a springy locking tongue 12, which latches with a hooked attachment into a catch receptacle 13 of the baseboard 8 when the baseboard 8 is plugged onto the receptacle web 7 of the mounting profile 1.

CLAIMS:

1. A device for fastening a baseboard to a wall comprising:

a mounting profile made of plastic, which forms a wall leg, and

an upwardly protruding receptacle web for the baseboard, the upwardly protruding receptable web is arranged offset transversely in relation to the wall leg for engaging in a downwardly open groove of the baseboard for clamping accommodation of the baseboard, the upwardly protruding receptacle web being configured so that the baseboard with the downwardly open groove is pluggable onto the upwardly protruding receptacle web when the mounting profile is fastened on the wall, and

clamping ribs extending in the web longitudinal direction, wherein the clamping ribs are coextruded from a flexible plastic with the mounting profile, and wherein the clamping ribs made of the flexible plastic are provided on a side of the receptacle web facing toward the wall leg.

2. The device according to Claim 1, wherein the clamping ribs form clamping lips protruding transversely in relation to the receptacle web, which have a width corresponding to at least twice the thickness.

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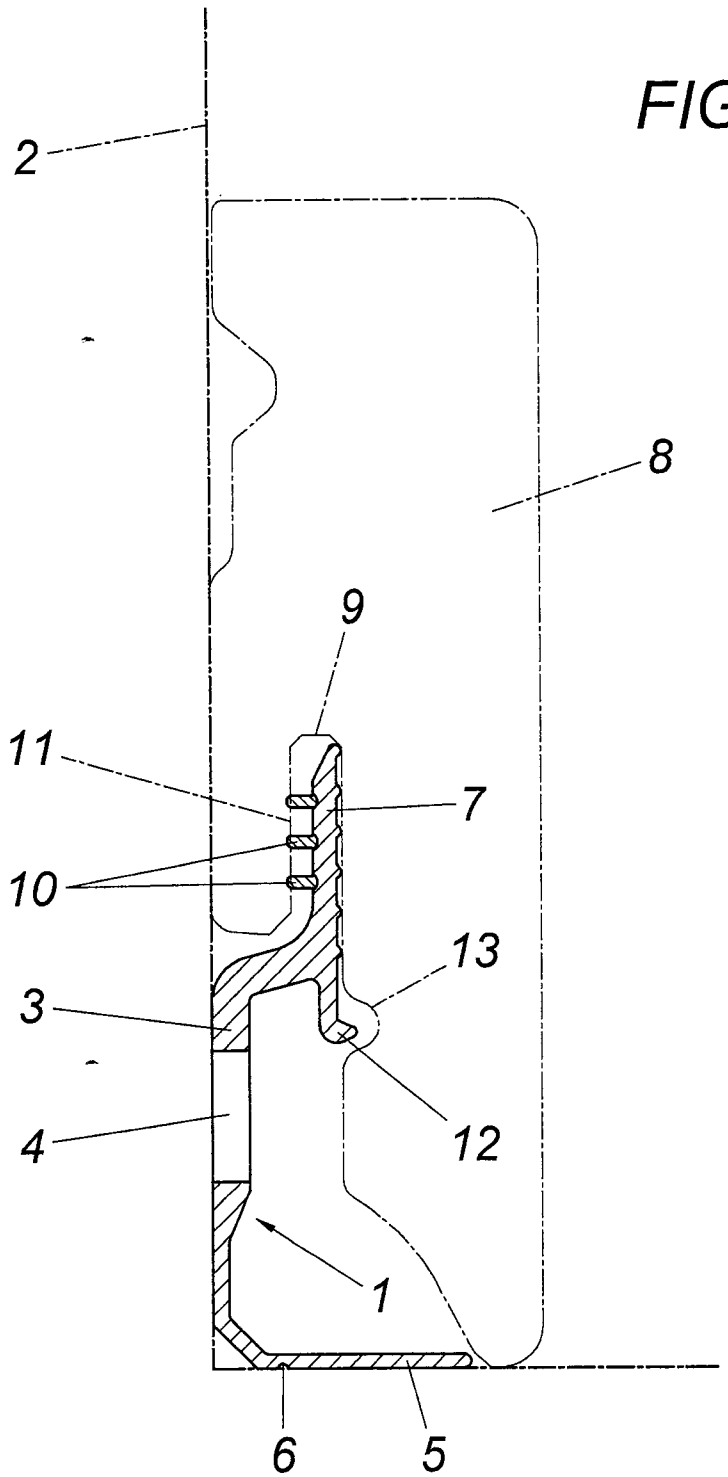
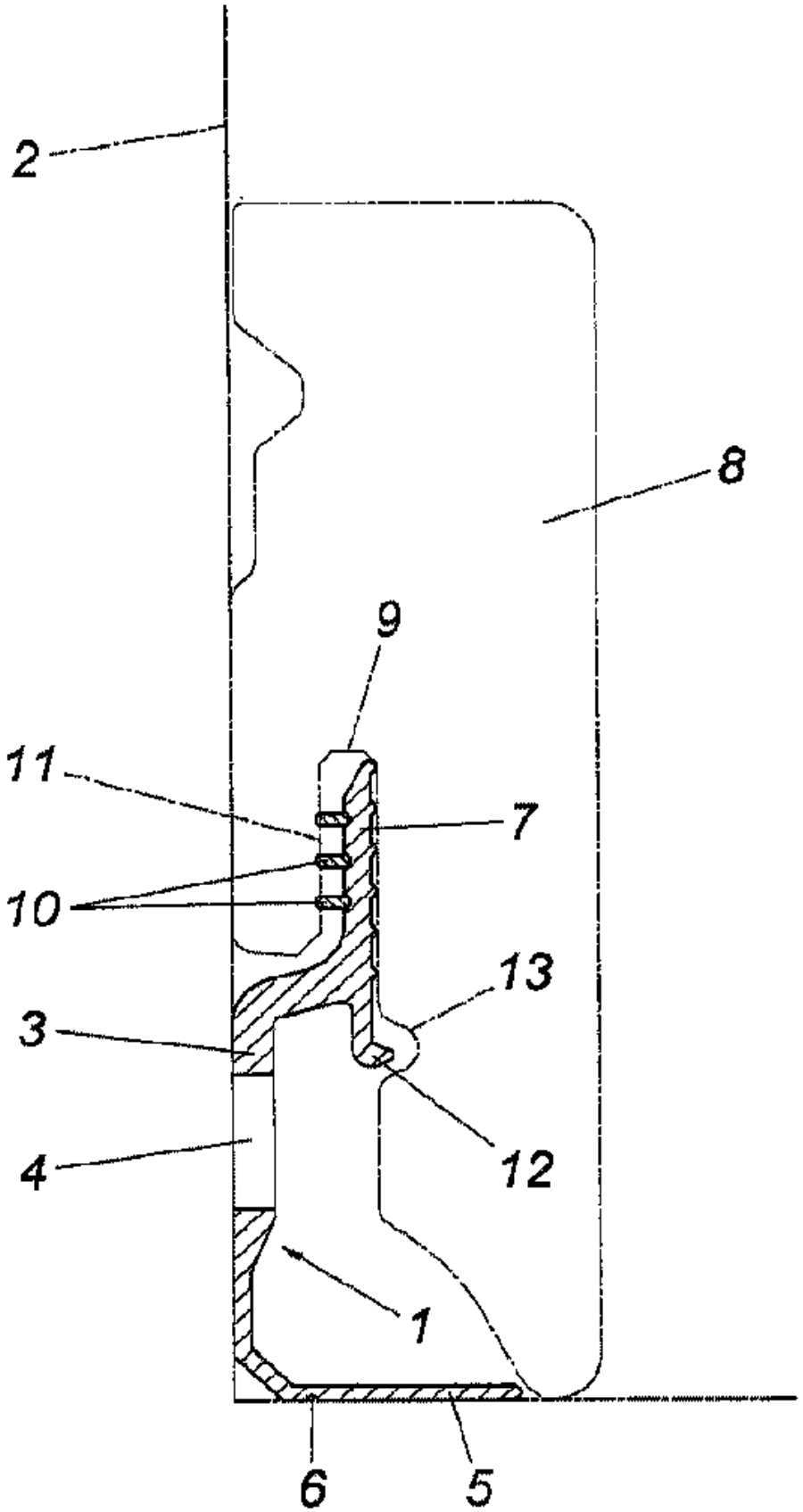
FIG.1

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