



(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
03.08.2005 Bulletin 2005/31

(51) Int Cl.7: **E04F 13/08**, E04F 19/06,
A47B 96/14

(21) Application number: **04105817.3**

(22) Date of filing: **16.11.2004**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LU MC NL PL PT RO SE SI SK TR
 Designated Extension States:
AL HR LT LV MK YU

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(30) Priority: **29.01.2004 ES 200400179 U**

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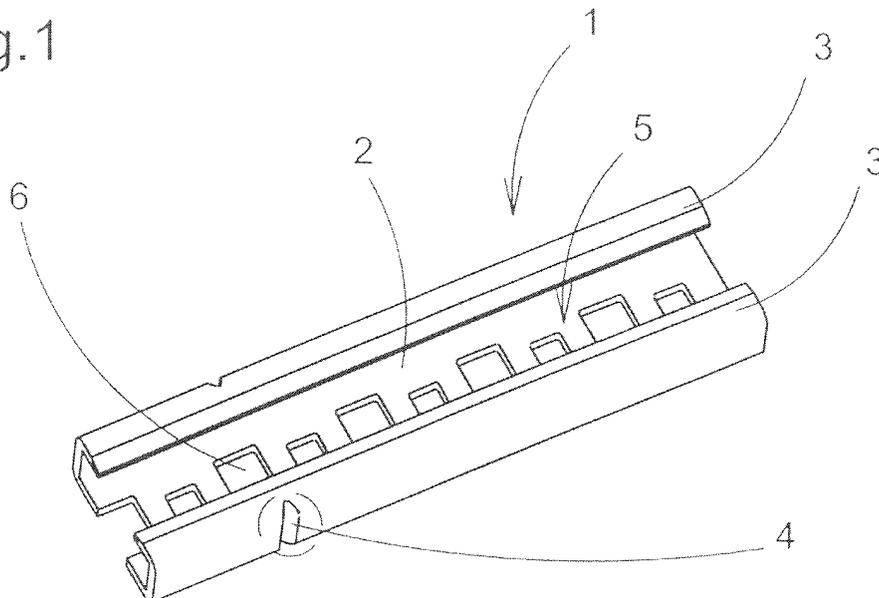
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(54) **Profile of plastic material for fixing elements in walls or the like**

(57) It comprises a substantially 'C'-shaped cross section defined by a bottom (2) and a pair of lateral flang-

es (3) which include a plurality of notches (4) for breaking it. The profile (1) can be manually broken by bending it, without needing to use cutting devices.

Fig. 1



Description

[0001] The present invention relates to a profile of plastic material for fixing elements in walls and the like.

BACKGROUND OF THE INVENTION

[0002] Profiles used for holding all kind of elements to walls or other supports which allow fixing screws or bridles along it in a quick and effective way, are known.

[0003] This kind of profiles usually has a 'C'-shaped cross section. This shape allows screwing or nailing the profile to the wall by its bottom, and using the lateral flanges to fix a sliding screw or a bridle at any point along the profile.

[0004] Profiles of this kind which can be manually cut have been designed, in such a way that the user can choose the length of each portion of profile that he needs without needing to use cutting devices.

[0005] These profiles are made from a metallic sheet which is punched, forming a plurality of orifices which will be used to fix the profile to the wall. Punching the sheet every certain distance forms an orifice wider than the others, which will be used as a fracture point when the profile is manually cut.

[0006] Once it has been punched, the sheet is folded by its lateral ends and the profile is formed, the orifices being placed in the bottom of it. Therefore, when the profile has to be cut, it is broken by the points corresponding to the wider orifices, which span almost all the width of the bottom of the profile.

[0007] Similar profiles made of plastic are known. However, the profiles made of plastic can't be made using the described procedure, as they are made by extrusion, and the profile has to be punched to form the orifices after it has been formed. This does not allow making orifices in the bottom of the profile wide enough to break it, so it can't be cut manually.

DESCRIPTION OF THE INVENTION

[0008] The aim of the present invention is to solve the disadvantages that have the devices known in the art, providing a profile of plastic material for fixing elements in walls or the like, which comprises a substantially 'C'-shaped cross section defined by a bottom and a pair of lateral flanges, which is characterized in that the profile comprises, in the lateral flanges, a plurality of notches for breaking it.

[0009] Therefore, a profile which can be manually cut without using any device is provided. The notches in both lateral flanges are fracture points, so that the user only has to bend it with his hands to obtain profile portions of a given length.

[0010] The fact that the notches are in the flanges of the profile avoids the disadvantage of the impossibility of making 'C'-shaped plastic profiles with fracture orifices in its bottom.

[0011] Preferably, the bottom of the profile comprises a plurality of orifices for fixing the profile to a wall or the like.

5 [0012] Therefore, the profile is easily fixed by its bottom to the wall using screws or nails.

[0013] Advantageously, the orifices closer to the notches are wider.

10 [0014] Thanks to these wider orifices, the fracture cross section is smaller, and, therefore, the effort that the user has to carry out to break the profile is also decreased.

BRIEF DESCRIPTION OF THE DRAWINGS

15 [0015] In order to assist the description of all that has been outlined above some drawings are attached which show schematically and solely by way of non-restrictive example a practical case of embodiment of the device profile of the invention, in which:

20 Figure 1 is a perspective view of the profile of the invention;

Figure 2 is a detail view of one of the notches of the profile;

25 Figure 3 is a plan view of a section of the profile of the invention;

Figure 4 is a cross section view of the profile of the invention.

DESCRIPTION OF A PREFERRED EMBODIMENT

[0016] As shown in the figures, the profile 1 has a 'C'-shaped section, with a bottom 2 and a pair of lateral 'L'-shaped parallel flanges 3.

35 [0017] Each flange 3 has fracture notches 4 every certain distance. These notches 4 are situated each in front of the other in each flange 3 to make the fracture of the profile 1 possible.

[0018] The bottom 2 of the profile 1 has a plurality of orifices 5 for fixing it by screwing or nailing it to a wall or the like.

[0019] As it can be seen, the notches 4 decrease the cross section of the profile 1 in the fracture zone. Moreover, the orifices 6 situated closer to the notches are wider than the other. This facilitates breaking the profile 1 in said zone.

[0020] Thus, the profile 1 can be manually broken by bending it, without needing to use cutting devices.

45 [0021] A suitable distance between the notches will be provided according to the use requirements of each profile 1.

50 [0022] Although in the described preferred embodiment triangular cross section notches 4 have been represented, it is obvious that notches 4 of different shape could also be provided.

Claims

1. Profile (1) of plastic material for fixing elements in walls or the like, which comprises a substantially 'C'-shaped cross section defined by a bottom (2) and a pair of lateral flanges (3), **characterized in that** the profile (1) comprises, in the lateral flanges (3), a plurality of notches (4) for breaking it. 5
2. Profile (1), according to claim 1, **characterized in that** the bottom (2) comprises a plurality of orifices (5) for fixing the profile (1) to a wall or the like. 10
3. Profile (1), according to claim 2, **characterized in that** the orifices (6) closer to the notches (4) are wider. 15

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Fig.1

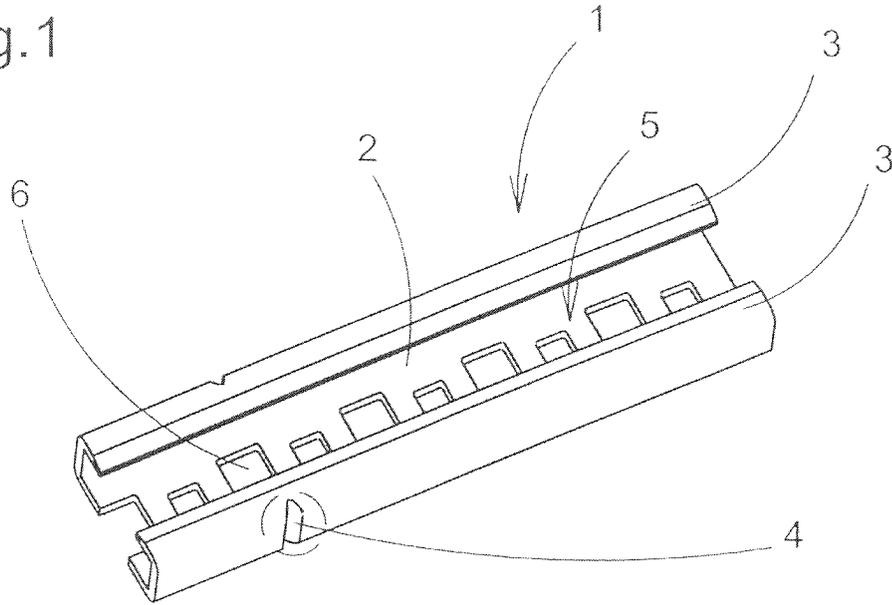


Fig.2

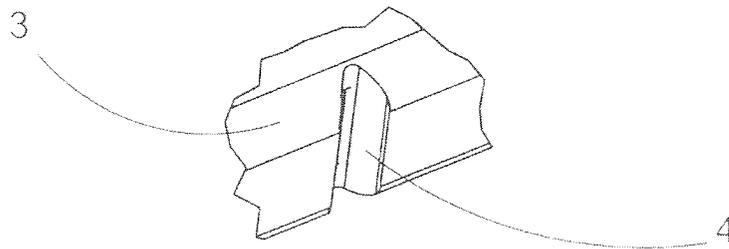


Fig.3

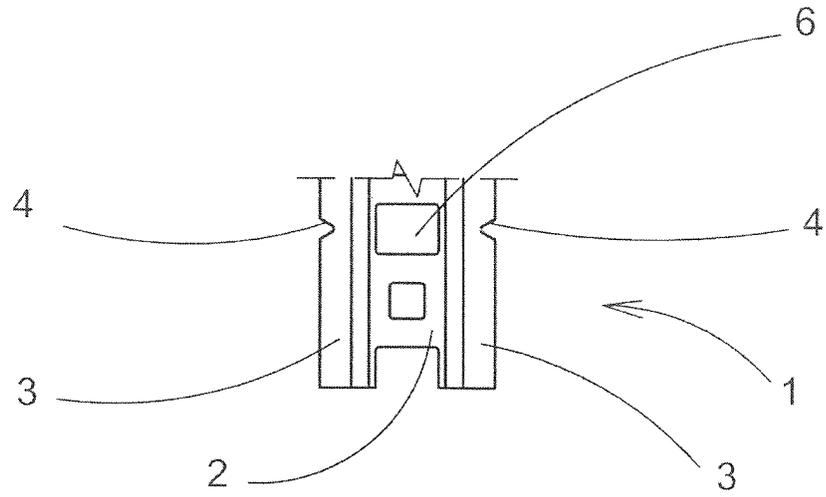


Fig.4

