(11) **EP 1 342 958 A1**

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:

10.09.2003 Bulletin 2003/37

(51) Int Cl.7: **F24D 19/02**

(21) Application number: 02075850.4

(22) Date of filing: 05.03.2002

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated Extension States:

AL LT LV MK RO SI

(71) Applicant: **De Vlam, H.J.G. 5406 XT Uden (NL)**

(72) Inventor: De Vlam, H.J.G. 5406 XT Uden (NL)

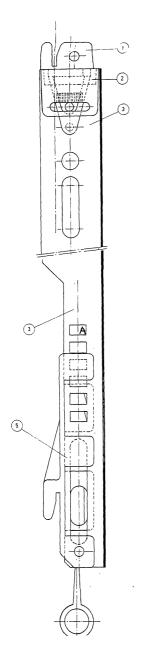
(54) Hovas universal L-bracket

(57) The invention is related to the careful, quick and effective way of mounting of central heating panels and walls. Experience through practice teaches us that mounting of heating panels can bring a lot off troubles.

Causes of this are the lack of space and diversities in many sorts and models of heating panels.

This new invention exists out of 4 parts: 3 synthetic parts and 1 steal part. The advantages of this new system can be called as followed: you won't have to mount or demount the heating panels several times by fastening on a wall because this is an universal, adjustable hanging system for heating panels.





EP 1 342 958 A1

Description

[0001] The invention is related to the careful, quick and effective way of mounting of central heating panels and walls. This invention consists of four parts, namely:

- 1. Top sliding piece (drawing 2);
- 2. Fastening piece (drawing 2);
- 3. L-beam (drawing 2)
- 4. Safety slide (drawing 3).

[0002] The parts 1, 2 and 5 have made from synthetic material and part 3 has been made from steel.

[0003] The product works as follows: first the premounting (drawing 2). Part 1 is snapped into part 2. Subsequently the whole is snapped into the L-beam (part 3).

[0004] Then part 5 (drawing 3) is snapped into the L-beam in such a way that the teeth are in the upper holes of the L-beam. This is shown on drawing 1 with A.

[0005] This unit is subsequently mounted to the wall. [0006] In this stage the great advantage of the system in question is coming up: after fastening the product to the wall, you take a spirit level and hold it against the stops (part 4 on drawing 2) below and at the top.

[0007] By moving part 1 forward or backward you can take care that you know in advance whether the central heating panel has been mounted level.

[0008] Moving part 1 is done by means of pressing pawl B (drawing 2). When pressing the pawl the retaining ring will be released and consequently part 1 can be moved. In this way the system is offering a great advantage over all existing systems, like the necessity of justifying and consequently demounting and mounting of the central heating panels several times.

Claims

1. The invention concerns the careful, quick, effective and correct way of mounting of central heating panels. The system is composed of four parts, which are premounted. The parts 1, 2 and 5 have been made from synthetic material and are referred to as A.B.S., nylon, P.C., P.P., H.D.P.E. and other materials, suitable for the purpose.

Part 5 is a steel L-beam, which has been pretreated by means of hot dip galvanisation.

Part 1 can be moved by means of pressing pawl B, about 6 mm forwards and about 6 mm backward. In mounted condition and after suspending the central heating panel, part 5 can be shifted downward and can no longer be shifted in upward direction because of the teeth. In this way you can carefully, quickly, effectively and correctly mount a central heating panel.

The product can be supplied in all existing colours.

10

25

35

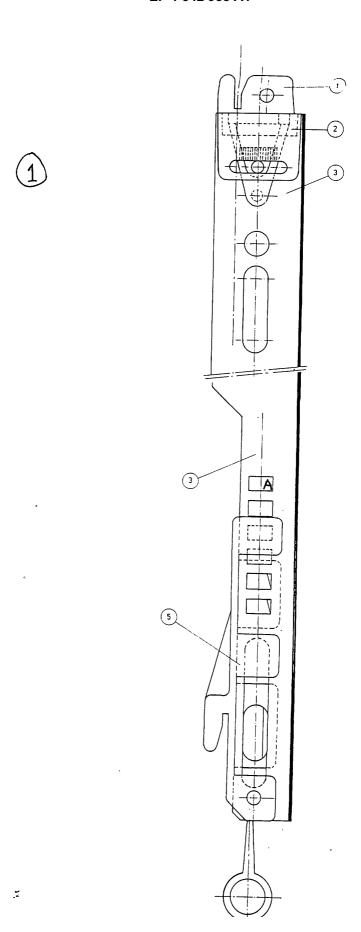
40

45

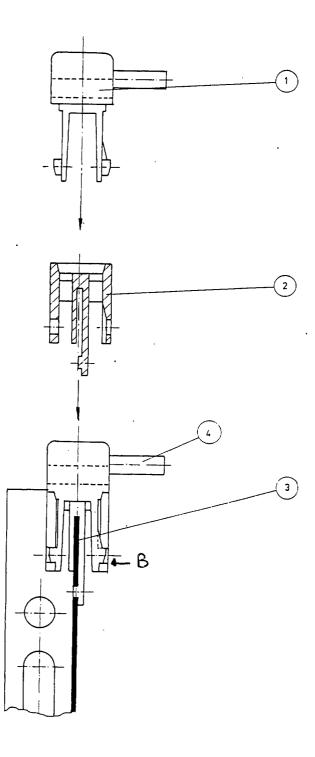
70

50

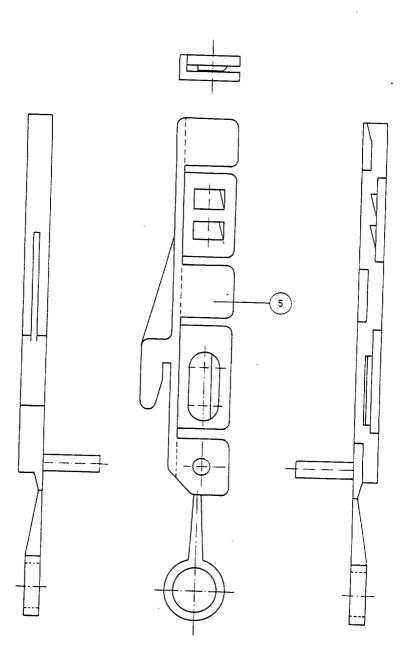
55

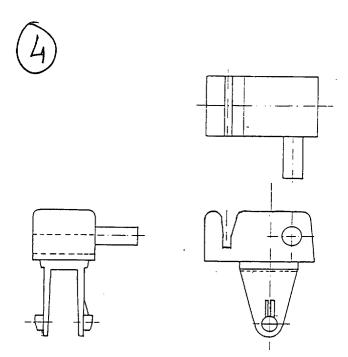




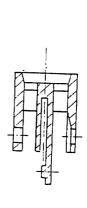


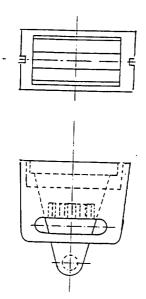




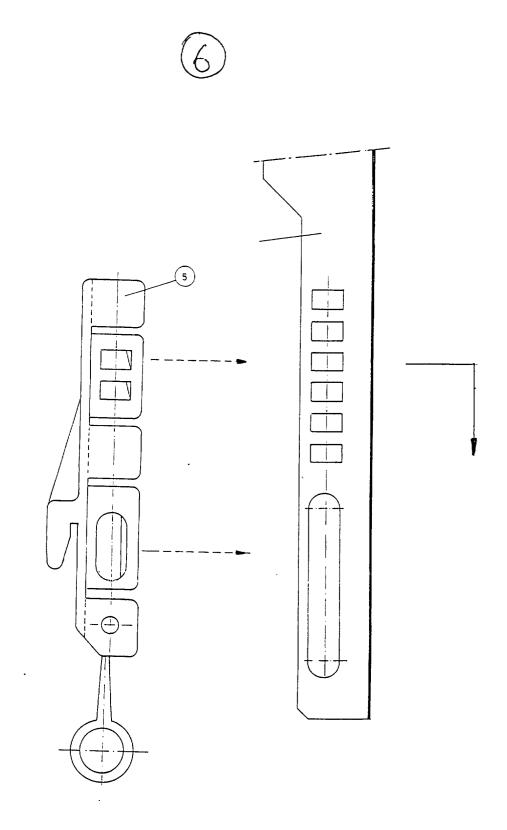














EPO FORM 1504 (P04C37)

THE HAGUE

DECLARATION

Application Number

which under Rule 45 of the European Patent Convention EP 02 07 5850 shall be considered, for the purposes of subsequent proceedings, as the European search report

CLASSIFICATION OF THE APPLICATION (Int.CI.7) The Search Division considers that the present application, does not comply with the provisions of the EPC to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of all claims F24D19/02 As the claim, presently on file, contains no technical features, which describe a system or a method for mounting a radiator. This renders it difficult, if not impossible, to determine the matter for which protection is sought. The present application fails therefor to comply with the clarity and conciseness requirements of Article 84 EPC (see also Rule 29(6) EPC) to such an extent that a meaningful search is impossible. Consequently, no search report can be established for the present application. The applicant's attention is drawn to the fact that a search may be carried out during examination following a declaration of no search under Rule 45 EPC, should the problems which led to the declaration being issued be overcome (see EPC Guideline C-VI, 8.5). Place of search Examiner 30 July 2002

Van Gestel, H