

Title (en)
ARRANGEMENT WITH TWO HALF-PLUGS FOR SECURING IN A WALL

Title (de)
ANORDNUNG MIT ZWEI STECKERHÄLFTEN ZUR FIXIERUNG IN EINER WANDUNG

Title (fr)
DISPOSITIF CONSTITUE DE DEUX DEMI-FICHES POUR FIXATION DANS UNE PAROI

Publication
EP 0846351 B1 19991110 (DE)

Application
EP 96925936 A 19960816

Priority

- DE 19530846 A 19950822
- DE 19608899 A 19960307
- IB 9600805 W 19960816

Abstract (en)
[origin: US6361362B1] The invention relates to an arrangement with two half-plugs for securing in a wall, in which the first half-plug (1) has two elastic arms (2,3) on opposite sides. It also has a stop (5) as far as which the half-plugs may be inserted into an aperture in the wall (6). Each of the two elastic arms (2,3) has an engagement projection (7,8) fitted in such a way that the projections engage on the opposite side of the wall (6) to the stop (5) if the first half-plug (1) is inserted into the wall as far as the stop (5). The second half-plug (9) also has two projecting arms (10,11) which are fitted in such a way that, when the half-plugs (9,1) are fitted together, the arms (10,11) engage in the space between the elastic arms (2,3) and the plug housing and secure the first plug by fixing the spring arms in the wall. One half-plug (9) has an actuating slide (12) with pins (13,14) and the other half-plug (1) has a corresponding guide slot (15,16), so that, when the actuating slide (12) is operated to secure the half-plugs (1,9), the pins (13,14) are moved through the guide slot (15,16). The projecting arms (10,11) of the second half-plug (9) are designed so that the pins (13,14) engage in the guide slot (15,16) only once the arms (10,11) are already engaged in the intermediate space.

IPC 1-7
H01R 13/629; H01R 13/74

IPC 8 full level
H01R 13/629 (2006.01); **H01R 13/74** (2006.01)

CPC (source: EP US)
H01R 13/62905 (2013.01 - EP US); **H01R 13/743** (2013.01 - EP US)

Citation (examination)

- DE 1098565 B 19610202 - AMP INC
- US 4586771 A 19860506 - KRAEMER RUDOLF E [DE], et al

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
US 6361362 B1 20020326; EP 0846351 A1 19980610; EP 0846351 B1 19991110; JP H11512225 A 19991019; WO 9708783 A1 19970306

DOCDB simple family (application)
US 1104798 A 19980604; EP 96925936 A 19960816; IB 9600805 W 19960816; JP 51001897 A 19960816