

Title (en)
Insulation fixing means

Title (de)
Dämmstoffbefestigungselement

Title (fr)
Fixation pour isolation thermique

Publication
EP 0807722 B1 20030618 (DE)

Application
EP 97810206 A 19970409

Priority
DE 19619318 A 19960514

Abstract (en)
[origin: EP0807722A2] The fixing device has a large-surface head with projecting hollow shaft (2) for a fastening element (3). The inside of the hollow shaft is closed by a swivel cover which in the closed position engages on a projection of the head which is set on a surface running parallel to the cross-sectional surface of the hollow shaft. This surface is formed by a base (13) of an indentation (14) in the head. The base encloses the opening (15) in the head at least in part and the indentation holds the cover in the closed position. The projection is formed as a stud projecting substantially perpendicular from the base and engaging in a through bore (9,10) on the cover.

IPC 1-7
E04B 1/76; **E04F 13/08**

IPC 8 full level
E04B 1/76 (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP US)
E04B 1/7633 (2013.01 - EP US); **E04F 13/0835** (2013.01 - EP US); **Y10S 411/908** (2013.01 - EP)

Cited by
EP1050690A3; EP0959198A1; RU172001U1

Designated contracting state (EPC)
AT DE FR GB NL

DOCDB simple family (publication)
EP 0807722 A2 19971119; **EP 0807722 A3 20000802**; **EP 0807722 B1 20030618**; AT E243288 T1 20030715; CA 2204938 A1 19971114; CA 2204938 C 20011030; DE 19619318 A1 19971120; DE 59710293 D1 20030724; US 5779421 A 19980714

DOCDB simple family (application)
EP 97810206 A 19970409; AT 97810206 T 19970409; CA 2204938 A 19970509; DE 19619318 A 19960514; DE 59710293 T 19970409; US 85534897 A 19970513