

Title (en)

Fastening element and its use

Title (de)

Befestigungselement und seine Verwendung

Title (fr)

Élément de fixation et son utilisation

Publication

EP 0931892 B1 20041103 (DE)

Application

EP 99100925 A 19990120

Priority

DE 19802063 A 19980121

Abstract (en)

[origin: EP0931892A2] The fastener has flat plate head (1), an opening for receiving a fastener bolt, and at least one vertical plate (5) extending in a radial direction from the rear side (3) of the fastener head in a plane at right angles to the head. An Independent claim is also included for the use of the fasteners for securing insulation material to preferably vertical building surfaces.

IPC 1-7

E04F 13/08

IPC 8 full level

E04F 13/08 (2006.01)

CPC (source: EP)

E04B 1/7633 (2013.01); **E04F 13/0835** (2013.01)

Cited by

EP2840201A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IT LI NL PT SE

DOCDB simple family (publication)

EP 0931892 A2 19990728; EP 0931892 A3 19991020; EP 0931892 B1 20041103; AT E281575 T1 20041115; DE 19802063 A1 19990722; DE 59910958 D1 20041209; DK 0931892 T3 20050214; ES 2232036 T3 20050516; PT 931892 E 20050331

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