

Title (en)

FIXING FOR A ROOF SEALING STRIP OR THE LIKE.

Title (de)

BEFESTIGUNG EINER DACHABDICHTUNGSBAHN ODER DERGLEICHEN.

Title (fr)

FIXATION D'UNE BANDE D'ETANCHEMENT DE TOIT OU SIMILAIRE.

Publication

**EP 0627036 B1 19950705 (DE)**

Application

**EP 93903799 A 19930211**

Priority

- DE 4205140 A 19920220
- DE 9300132 W 19930211

Abstract (en)

[origin: US5557897A] PCT No. PCT/DE93/00132 Sec. 371 Date Nov. 21, 1994 Sec. 102(e) Date Nov. 21, 1994 PCT Filed Feb. 11, 1993 PCT Pub. No. WO93/17200 PCT Pub. Date Sep. 2, 1993A fastening device for anchoring a sealing strip on a roof includes an elongated fastener which penetrates both a holder and the sealing strip and has a drill tip at a lower end thereof extending into the roof substructure. An opposite upper end of the fastener has an enlarged upper end engaged in an opening in the holder to press the holder against and anchor the sealing strip on the roof. A cover having a recessed underside for receiving the holder and a central hole with a slit-like depression for receiving a catch-shaped projection extending upwardly from the head of the fastener is rotated to drive the fastener and the holder into position on the sealing strip while at the same time covering the opening in the holder to prevent entry of rainwater and the like. As the cover engages the sealing strip, the cover eventually disengages the fastener so that only the cover rotates. Continued rotation of the cover causes friction between the cover and the sealing strip to heat and thereby friction weld the fastening device to the sealing strip.

IPC 1-7

**E04D 3/36**; **E04D 5/14**

IPC 8 full level

**E04D 3/36** (2006.01); **E04D 5/14** (2006.01)

CPC (source: EP US)

**E04D 3/3603** (2013.01 - EP US); **E04D 5/14** (2013.01 - EP US); **E04D 5/145** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL SE

DOCDB simple family (publication)

**US 5557897 A 19960924**; AT E124748 T1 19950715; CA 2130101 A1 19930902; CA 2130101 C 19961029; CZ 239293 A3 19940413; CZ 279826 B6 19950712; DE 4205140 C1 19930527; DE 59300334 D1 19950810; DK 0627036 T3 19951204; EP 0627036 A1 19941207; EP 0627036 B1 19950705; ES 2075775 T3 19951001; SK 126593 A3 19940406; SK 278591 B6 19971105; WO 9317200 A1 19930902

DOCDB simple family (application)

**US 28453694 A 19941121**; AT 93903799 T 19930211; CA 2130101 A 19930211; CZ 239293 A 19930211; DE 4205140 A 19920220; DE 59300334 T 19930211; DE 9300132 W 19930211; DK 93903799 T 19930211; EP 93903799 A 19930211; ES 93903799 T 19930211; SK 126593 A 19930211