

Title (en)

Universal device for providing passages in roof coverings

Title (de)

Universale Vorrichtung zum Erzeugen einer Durchführung in Dacheindeckungen

Title (fr)

Dispositif universel pour former des passages à travers des couvertures de toit

Publication

EP 1281821 A1 20030205 (EN)

Application

EP 02005374 A 20020315

Priority

IT MI20011673 A 20010801

Abstract (en)

A universal device for providing passages in tiled roofs and in coverings made of shaped panels in general, comprising a plate-like supporting element (2) that can rest on the supporting structures of a roof (3) and the like and has a turret (5) which forms a through opening (6). A flexible and extendible plate-like element (10) is superimposed on the supporting plate-like element, is impermeable to water and is coupled hermetically to the turret (5). The flexible and extendible plate-like element (10) can be arranged below the overlying tiles (15) and the like and above the underlying tiles (15) and the like. <IMAGE>

IPC 1-7

E04D 13/147

IPC 8 full level

E04D 13/147 (2006.01)

CPC (source: EP)

E04D 13/1471 (2013.01); **E04D 13/1476** (2013.01)

Citation (applicant)

IT 001673 P

Citation (search report)

- [XY] US 1834823 A 19311201 - JAMES BROPSON
- [Y] EP 0265102 A1 19880427 - LEONARD JEAN JACQUES [ZA]
- [Y] DE 3904174 A1 19900816 - HANDEL & MACK GMBH & CO KG [DE]
- [Y] WO 9913180 A1 19990318 - VELUX IND AS [DK], et al
- [Y] DE 29721602 U1 19980219 - SCHULTE GUENTER [DE]
- [A] US 5596848 A 19970128 - LYNCH STEVEN [AU]
- [A] DE 2263565 A1 19740704 - MARZARI SIEGFRIED

Cited by

JP2011521189A; EP1605114A1; EP2626482A1; EP1792025A4; NL2001596C2; RU2508480C2; US7168211B2; US8628286B2; US11592197B2; WO2004003311A1; WO2009142485A1; WO2006002629A1; DE102023100876A1; US8776456B1; US8950157B1; EP4023959B1

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