

Title (en)

Security device for roof openings and method for manufacturing the security device

Title (de)

Vorrichtung zur Sicherung von Dachdurchbrüchen und Verfahren zur Herstellung der Sicherungsvorrichtung

Title (fr)

Dispositif de sécurité pour ouvertures de toit et procédé de fabrication de ce dispositif

Publication

EP 0778378 B1 20010704 (DE)

Application

EP 96107671 A 19960514

Priority

DE 19545938 A 19951208

Abstract (en)

[origin: EP0778378A1] The grill has a grillage (2) of metal wires or rods, preferably steel reinforcement mesh, the ends (3) of which fit into holes (9) in the sides (1a-d) of the raised plinth (1) surrounding the opening. The plinth is stiff and made from metal. The ends of the rods are bent. Flexible cylindrical seals on the ends of the rods stop the penetration of rain etc. into the holes in the plinth. The bent ends of the rods securely fix the grillage and prevent easy removal of the grillage from the plinth.

IPC 1-7

E04D 13/03; **E04G 21/32**

IPC 8 full level

E04D 13/03 (2006.01); **E04G 21/32** (2006.01)

CPC (source: EP)

E04D 13/0335 (2013.01); **E04G 21/3261** (2013.01); **E04G 21/3266** (2013.01)

Cited by

BE1014531A5; GB2323883A; GB2323883B

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU NL

DOCDB simple family (publication)

EP 0778378 A1 19970611; **EP 0778378 B1 20010704**; AT E202823 T1 20010715; DE 19545938 A1 19970612; DE 19545938 C2 20000810; DE 59607212 D1 20010809; ES 2160742 T3 20011116

DOCDB simple family (application)

EP 96107671 A 19960514; AT 96107671 T 19960514; DE 19545938 A 19951208; DE 59607212 T 19960514; ES 96107671 T 19960514