

Title (en)

FIXING DEVICE FOR A PROTECTIVE PIPE FOR LEAVES INSERTABLE IN A ROOF GUTTER

Title (de)

BEFESTIGUNGSVORRICHTUNG FÜR EIN IN EINER DACHRINNE EINSETZBARES LAUBSCHUTZROHR

Title (fr)

DISPOSITIF DE FIXATION D'UN TUYAU DE PROTECTION CONTRE LES FEUILLAGES, DESTINE A ETRE PLACE DANS UNE GOUTTIERE DE TOITURE

Publication

EP 1135566 B1 20050720 (DE)

Application

EP 00975801 A 20000926

Priority

- DE 0003381 W 20000926
- DE 19947531 A 19991002
- DE 19950472 A 19991020

Abstract (en)

[origin: US6594956B1] The invention provides an attachment device for a leaf-deflection tube insertable in gutters, which tube is provided with a plurality of drain openings in the tube wall, the attachment device having a retaining rod which may be passed through the drain openings of the leaf-deflection tube and the length of which is greater than the diameter of the leaf-deflection tube, and which has a first end surrounding the front edge of the gutter and a second end attachable to the roof structure.

IPC 1-7

E04D 13/064

IPC 8 full level

E04D 13/076 (2006.01)

CPC (source: EP US)

E04D 13/076 (2013.01 - EP US)

Citation (examination)

US 706333 A 19020805 - MEUSER WILLIAM L [US]

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6594956 B1 20030722; AT E299977 T1 20050815; CA 2350231 A1 20010412; EP 1135566 A1 20010926; EP 1135566 B1 20050720; WO 0125565 A1 20010412

DOCDB simple family (application)

US 83091701 A 20010730; AT 00975801 T 20000926; CA 2350231 A 20000926; DE 0003381 W 20000926; EP 00975801 A 20000926