

Title (en)
Roof gutter

Title (de)
Dachrinne

Title (fr)
Gouttière de toiture

Publication
EP 0972886 A3 20000223 (DE)

Application
EP 99109162 A 19990510

Priority
DE 29812684 U 19980716

Abstract (en)
[origin: EP0972886A2] A bar-like projection (10) is provided on the side of a roof gutter (8) remote from the pitched roof to which it is attached. The projection is preferably located at the upper edge (9) of the gutter. In a preferred arrangement, the projection can be located at a rolled-over top edge of the gutter. Projections preferably extend over the whole length of the gutter and slope at an angle of 60 deg. to the horizontal or less. They can be formed integrally with the gutter or can form a separate component which is attached by fasteners to the gutter.

IPC 1-7
E04D 13/064

IPC 8 full level
E04D 13/064 (2006.01)

CPC (source: EP)
E04D 13/064 (2013.01)

Citation (search report)

- [XY] GB 1180657 A 19700211 - JOHANSSON KARL NILS INGVAR [SE]
- [YA] US 4306389 A 19811222 - BUCKER THOMAS W
- [Y] GB 2282398 A 19950405 - SHARMAN HAROLD DARLINGTON [GB]
- [A] DE 29521345 U1 19970102 - STOLL ACHIM [DE]
- [A] DE 2934079 A1 19810326 - WENDKER GMBH & CO KG
- [A] US 3939616 A 19760224 - SCHAPKER RICHARD L
- [A] DE 834284 C 19520317 - WILHELM LUDOWICI DR ING
- [A] CA 1270110 A 19900612 - ATCHISON SAMUEL B

Cited by
FR2935010A1

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)
DE 29812684 U1 19981029; EP 0972886 A2 20000119; EP 0972886 A3 20000223

DOCDB simple family (application)
DE 29812684 U 19980716; EP 99109162 A 19990510