

Title (en)
Hanger device for roof gutters

Title (de)
Dachrinnenhalter

Title (fr)
Dispositif de support de gouttière de toiture

Publication
EP 1340864 A1 20030903 (EN)

Application
EP 03003729 A 20030219

Priority
NO 20020973 A 20020227

Abstract (en)
A roof gutter hanger, having a first hanger member (100) adapted for mounting to a gutter and a second hanger member (200; 200') which comprises at least one fastening device (210) for releasable mounting to the first hanger member (100) via at least a first fastening device (110) in order to allow a selective connection and disconnection of the two hanger members (100; 200). The hanger according to the invention facilitates installation and adjustment of the gutter hanger, is more rational to manufacture, is easier to retrofit and means that the gutter is more easily removable and replaceable. <IMAGE>

IPC 1-7
E04D 13/072

IPC 8 full level
E04D 13/072 (2006.01)

CPC (source: EP)
E04D 13/0722 (2013.01)

Citation (search report)

- [X] WO 9619624 A1 19960627 - KEYTOWN PTY LTD [AU], et al
- [X] FR 1539908 A 19680920
- [X] US 1755453 A 19300422 - MULLEN CHARLES P
- [X] GB 2258473 A 19930210 - BROOME BARRY RICHARD [GB]
- [X] FR 1462434 A 19661216 - MARAIS ETS
- [A] DE 7046013 U

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1340864 A1 20030903; EP 1340864 B1 20060201; AT E317045 T1 20060215; DE 60303398 D1 20060413; NO 20020973 A 20030324; NO 20020973 D0 20020227; NO 314462 B1 20030324

DOCDB simple family (application)
EP 03003729 A 20030219; AT 03003729 T 20030219; DE 60303398 T 20030219; NO 20020973 A 20020227