

Title (en)

Hook shaped clip for securing overlapping roofing tiles onto roof battens

Title (de)

Hakenklammer zum Befestigen von sich überlappenden Dachziegeln an den Dachlatten

Title (fr)

Crochet pour la fixation de tuiles mécaniques montées à recouvrement sur des liteaux de toiture

Publication

EP 1258576 B1 20071010 (FR)

Application

EP 02291160 A 20020507

Priority

FR 0106574 A 20010518

Abstract (en)

[origin: EP1258576A1] The fastening clip (1), made from metal and pref stainless steel wire, has at least one spiral loop (5) and two branches (4) with hook-shaped ends (4A) to grip the tile (2) and batten (3). The tips of the hooks are curved inwards towards the centre of the clip and in the same plane as the branches, with which they form an angle of pref 45 deg.

IPC 8 full level

E04D 1/34 (2006.01)

CPC (source: EP US)

E04D 1/34 (2013.01 - EP US); **E04D 2001/3411** (2013.01 - EP US); **E04D 2001/3461** (2013.01 - EP US); **E04D 2001/3473** (2013.01 - EP US)

Cited by

EP1424454A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL LT LV MK RO SI

DOCDB simple family (publication)

EP 1258576 A1 20021120; EP 1258576 B1 20071010; AT E375421 T1 20071015; DE 60222830 D1 20071122; DE 60222830 T2 20080724; ES 2294089 T3 20080401; FR 2824855 A1 20021122; FR 2824855 B1 20040618

DOCDB simple family (application)

EP 02291160 A 20020507; AT 02291160 T 20020507; DE 60222830 T 20020507; ES 02291160 T 20020507; FR 0106574 A 20010518