

Title (en)

Collar connecting a construction structure penetrating the roof to the sub-roofing structure

Title (de)

Ein eine dachdurchdringende Konstruktion mit der Unterdachstruktur verbindender Kragen

Title (fr)

Connexion de collier d'une structure de construction pénétrant la toiture jusqu'à la structure de la sous-toiture

Publication

EP 2284329 A3 20130327 (EN)

Application

EP 10171486 A 20100730

Priority

PL 38868509 A 20090731

Abstract (en)

[origin: EP2284329A2] Collar made of any flexible and water-proof material, having the shape of a frame surrounding the structure seated in the roof, consisting of elements, permanently connected to each other into a closed circuit, is characterised by that the elements arranged not in parallel against the battens (3) constitute strips connected to each other advantageously in parallel, limited at the outer side with a strip (8) of a material with easily extendible and at the same time water-tight structure.

IPC 8 full level

E04D 13/03 (2006.01); **E04D 13/147** (2006.01)

CPC (source: EP)

E04D 13/031 (2013.01); **E04D 13/1475** (2013.01)

Citation (search report)

- [X] DE 202008014501 U1 20090219 - EISENHAUER MICHAEL [DE]
- [XY] DE 9413970 U1 19960104 - KLOEBER JOHANNES [DE]
- [Y] US 4972638 A 19901127 - MINTER MEARL [US]
- [I] DE 29908614 U1 19990930 - DOERKEN EWALD AG [DE]
- [A] DE 10057774 A1 20021010 - KLOEBER JOHANNES [DE]

Cited by

EP3404161A1; CN102433966A; EP2952646A1; EP3578727A1; EP3404164A1; EP3885508A1; DE202023102423U1; EP3330452A1; DK201670961A1; EP3575509A1; WO2023186252A1; WO2018210937A1; EP3725971A1; US10934717B2; EP4023836A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

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