

Title (en)

Roof covering with plastic tiles

Title (de)

Dacheindeckung mit Kunststoffziegeln

Title (fr)

Couverture d'un toit avec des tuiles plastiques

Publication

EP 2292864 A2 20110309 (DE)

Application

EP 10006864 A 20100702

Priority

DE 202009009584 U 20090714

Abstract (en)

The covering has conical sections (17) provided on a lower side of a plastic tile (10), adjacent to a lower edge (12). The conical sections have a snap-in head provided on the lower side, and engaging elements are formed by a bar. A profile seal is detachably fastened to the lower edge. A connecting element is designed as a C-guide rail having an opening in a base. The C-guide rail is fixable on an upper side (15) of the plastic tile by a screw. The C-guide rail resiliently holds the snap-in head. The tile is made of thermoplastic material filled with inorganic material.

Abstract (de)

Gegenstand der Erfindung ist eine Dacheindeckung, umfassend Kunststoffziegel (10) und Verbundelemente (30). Das Verbundelement ist eine C-Schiene (30) mit einer Öffnung (31) in der Basis, die mittels eines der Befestigungselemente (1) auf der Oberseite (15) eines Ziegels (10) fixierbar ist und den am darüber montierten Ziegel vorgesehenen Rastkopf federnd festhält.

IPC 8 full level

E04D 1/08 (2006.01); **E04D 1/34** (2006.01)

CPC (source: EP US)

E04D 1/08 (2013.01 - EP US); **E04D 1/2916** (2019.07 - EP US); **E04D 1/2918** (2019.07 - EP US); **E04D 1/34** (2013.01 - EP US); **E04D 2001/3438** (2013.01 - EP US); **E04D 2001/3458** (2013.01 - EP US); **E04D 2001/3467** (2013.01 - EP US); **E04D 2001/3482** (2013.01 - EP)

Citation (applicant)

- US 2168218 A 19390801 - LESTER KIRSCHBRAUN
- CH 411300 A 19660415 - MARLEY TILE AG [CH]
- US 3579940 A 19710525 - GREENLEAF JAMES O
- FR 2165059 A5 19730803 - HUREAU JACQUES
- DE 2230745 A1 19740110 - KRAUSE HELMUT [DE]
- EP 0203643 A1 19861203 - SOLVAY [BE]
- US 5743056 A 19980428 - BALLA-GODDARD MICHAEL STEVEN A [GB], et al
- WO 9634161 A1 19961031 - OWENS CORNING FIBERGLASS CORP [US]
- EP 1055038 B1 20050525 - BALDINI IOLE [IT], et al

Cited by

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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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