

Title (en)
Longitudinally adjustable roof tile

Title (de)
Längsverschiebbarer Falzziegel

Title (fr)
Tuile ajustable longitudinalement

Publication
EP 0557973 B1 19970102 (DE)

Application
EP 93102885 A 19930224

Priority
• DE 9202377 U 19920224
• DE 9214159 U 19921020

Abstract (en)
[origin: EP0557973A1] The longitudinally displaceable interlocking roofing tile (1) is provided with an essentially uniform profiling on the upper side. The head interlocking part contains a head edge rib which extends over the entire width of the tile. In addition to a side interlocking part (5) and a top interlocking part (3), the tile also has a foot interlocking part (4) with an outer foot interlocking rib. In the region of troughs (614, 616), U-shaped ribs with oblique side walls on both U-legs are integrally formed on the rear side of the tile. The plaster fin on the foot side runs essentially in one level in the region of the side interlocking part and top interlocking part and of the elevated central zone (612). When placing the tile on the roof, a vertical side expansion joint is obtained. The interlocking roofing tile is to be resistant to frost, avoid damage during transportation and, despite the longitudinal displaceability when placed on the a roof, is to be sealed. The foot interlocking part (4) has, in the region of the troughs, in each case one chamber which is planar on the underside, encloses the U-rib and is adjoined by the outer foot interlocking rib. On the side (914) of the chamber, the plaster fin is drawn, in the form of a U, downwards to the edge of the tile. The surface of each trough (614, 616) is provided with a gently curved tongue which reaches as far as the plaster fin. <IMAGE>

IPC 1-7
E04D 1/04

IPC 8 full level
E04D 1/04 (2006.01)

CPC (source: EP US)
E04D 1/04 (2013.01 - EP US); **E04D 1/2916** (2019.08 - EP US); **E04D 1/2918** (2019.08 - EP US); **E04D 1/2949** (2019.08 - EP US)

Cited by
GB2522888B; EP0997588A1; EP0727539A1; EP0718449A1; US7690169B2; WO2004001155A1; WO2015118355A1

Designated contracting state (EPC)
AT CH DE FR GB IT LI NL

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EP 0557973 A1 19930901; EP 0557973 B1 19970102; AT E147119 T1 19970115; DE 59304928 D1 19970213

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EP 93102885 A 19930224; AT 93102885 T 19930224; DE 59304928 T 19930224