

Title (en)

Component for floor or roof slabs and method for manufacturing a component

Title (de)

Bauteil für Decken oder Dächer sowie Verfahren zum Herstellen eines Bauteils

Title (fr)

Composant pour dalles de plancher ou de toiture ainsi que procédé destiné à la fabrication d'un composant

Publication

EP 2146017 A1 20100120 (DE)

Application

EP 09165535 A 20090715

Priority

- EP 08104785 A 20080718
- EP 09165535 A 20090715

Abstract (en)

The planar component (1) has a filling element (2) formed from insulating material as solid body profile. A longitudinal support (3) is formed from concrete and extends in a longitudinal direction (x). The filling element has nut like slots for longitudinally supporting the filling element, where the slots are partially filled with the concrete. The filling element has a crossbar (50) for reinforcing the longitudinal support, where the crossbar runs in the longitudinal direction. The crossbar is connected with the longitudinal support and retained in a crosswise slot or in the filling element.

Abstract (de)

Ein flächiges Bauteil für Decken oder Dächer enthält Füllelemente (2) und im Füllelement angeordnete, sich in einer Längsrichtung (x) erstreckende, aus Beton bestehende Träger (3). Die Füllelemente (2) sind als einstückige Vollkörperprofile aus Polystyrolschaumstoff (EPS) ausgebildet.

IPC 8 full level

E04B 5/19 (2006.01); **E04B 5/04** (2006.01); **E04B 5/14** (2006.01); **E04B 5/21** (2006.01); **E04B 5/38** (2006.01)

CPC (source: EP)

E04B 5/04 (2013.01); **E04B 5/14** (2013.01); **E04B 5/19** (2013.01); **E04B 5/21** (2013.01); **E04B 5/38** (2013.01)

Citation (applicant)

- CH 667123 A5 19880915 - FREUND JOSEF
- EP 1180563 A1 20020220 - JIMENEZ SANCHEZ JAIME ENRIQUE [ES]
- GB 2180861 A 19870408 - DICKENS LUTHER ISSAC
- FR 2432578 A2 19800229 - RHINOLITH
- GB 1540575 A 19790214 - HEREFORD WOODWOOL LTD

Citation (search report)

- [XAI] WO 2005108700 A1 20051117 - PLASTEDIL SA [CH]
- [XAI] DE 2235924 A1 19730201 - WILLIAMS GOEFFREY MILSON JOHN
- [A] FR 2077814 A1 19711105 - SOURBE JEAN PIERRE
- [AD] FR 2432578 A2 19800229 - RHINOLITH
- [AD] EP 1180563 A1 20020220 - JIMENEZ SANCHEZ JAIME ENRIQUE [ES]

Cited by

IT201900011763A1; CN105040878A; CN106609571A; EP3904619A1; CN103452218A; ES2380857A1; CN103797197A; CN112609880A; CN107190895A; FR3036123A1; WO2011151496A1

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Designated extension state (EPC)

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