

Title (en)

A ceiling tile unit and a method for forming a ceiling tile unit

Title (de)

Deckenflieseneinheit und Verfahren zur Herstellung einer Deckenflieseneinheit

Title (fr)

Unité de dalle de plafond et son procédé de fabrication

Publication

EP 2339083 A1 20110629 (EN)

Application

EP 09180422 A 20091222

Priority

EP 09180422 A 20091222

Abstract (en)

The present invention relates to a ceiling tile unit (10) comprising a tile body made of mineral fibre material, a surface layer and a guide. The tile body has a front side, a rear side and at least one side edge, and the surface layer is arranged on said front side of said tile body. A groove is provided in said rear side of said tile body dividing said tile body into a first tile body section and a second tile body section. Said guide is adapted to form a fold guidance for inclination of said first tile body section in relation to said second tile body section by folding about an axis parallel to the longitudinal direction of said groove. The invention further relates to a method for forming a ceiling tile unit (10).

IPC 8 full level

E04B 9/04 (2006.01)

CPC (source: EP US)

E04B 9/0414 (2013.01 - EP US); **E04B 9/045** (2013.01 - EP US)

Citation (search report)

- [I] EP 1649993 A1 20060426 - LLOVERAS CALVO JUAN [ES]
- [A] WO 2004106654 A2 20041209 - DE BEER LAMBERTUS NICOLAAS [ZA]
- [A] WO 9621779 A1 19960718 - SESAMO S A S DI SINIBALDI & C [IT], et al
- [A] WO 2005011937 A1 20050210 - EXI FORMA PTY LTD [AU], et al
- [A] EP 0014658 A1 19800820 - SAINT GOBAIN ISOVER [FR]
- [A] FR 2455983 A1 19801205 - JEAN PHILIPPE

Cited by

CN108457412A; EP3144441A1; US10640974B2; WO2017045999A1; EP2998457A1; WO2016042151A1; US11111671B2

Designated contracting state (EPC)

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)

AL BA RS

DOCDB simple family (publication)

EP 2339083 A1 20110629; US 2011146183 A1 20110623

DOCDB simple family (application)

EP 09180422 A 20091222; US 97113710 A 20101217