

Title (en)  
GYPSUM-PANEL FOR ACOUSTICAL MONOLITHIC CEILING

Title (de)  
GIPSPANEL FÜR MONOLITHISCHE AKUSTIKDECKE

Title (fr)  
PLAQUE DE PLÂTRE POUR PLAFOND ACOUSTIQUE MONOLITHIQUE

Publication  
**EP 2971391 B1 20180613 (EN)**

Application  
**EP 14716720 A 20140314**

Priority

- US 201313832107 A 20130315
- US 201314135821 A 20131220
- US 2014027518 W 20140314

Abstract (en)  
[origin: WO2014143660A1] An acoustical panel for forming a monolithic ceiling or wall, the panel extending across a rectangular area, and having a core made primarily of gypsum, the core being essentially coextensive with the panel area such that it has two opposed sides, each of an area substantially equal to the area of the panel, the core having a multitude of perforations extending generally between its sides, the perforations being distributed substantially uniformly across the full area of the core and being open at both sides of the core, the face side of the core being covered by a porous layer, the perforations being optionally restricted at a rear side of the core, the porous layer at the face side of the core being suitable for adherence of drywall joint compound and a water-based non-blocking paint.

IPC 8 full level  
**E04B 1/84** (2006.01); **E04C 2/04** (2006.01)

CPC (source: EP)  
**E04B 1/84** (2013.01); **E04B 9/001** (2013.01); **E04B 9/045** (2013.01); **E04B 9/068** (2013.01); **E04B 9/127** (2013.01); **E04B 9/245** (2013.01); **E04C 2/043** (2013.01); **E04B 2001/8476** (2013.01); **E04B 2001/8495** (2013.01)

Cited by  
US11668091B2; WO2020117822A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2014143660 A1 20140918**; AU 2014228338 B2 20151105; BR 112015021767 A2 20170718; BR 112015021767 B1 20211013; CA 2905079 A1 20140918; CA 2905079 C 20170221; CL 2015002512 A1 20160226; CN 105189885 A 20151223; CN 105189885 B 20170405; DK 2971391 T3 20180917; EP 2971391 A1 20160120; EP 2971391 B1 20180613; ES 2685896 T3 20181015; JP 2016516144 A 20160602; JP 6093478 B2 20170308; KR 101636257 B1 20160705; KR 20150121234 A 20151028; LT 2971391 T 20180810; MX 2015011664 A 20151216; MX 343614 B 20161114; MY 177732 A 20200923; NZ 712620 A 20180323; PE 20151685 A1 20151113; PL 2971391 T3 20181031; PT 2971391 T 20181019; TW 201437462 A 20141001; TW I611077 B 20180111; UA 116234 C2 20180226

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**US 2014027518 W 20140314**; AU 2014228338 A 20140314; BR 112015021767 A 20140314; CA 2905079 A 20140314; CL 2015002512 A 20150908; CN 201480013854 A 20140314; DK 14716720 T 20140314; EP 14716720 A 20140314; ES 14716720 T 20140314; JP 2016502467 A 20140314; KR 20157027390 A 20140314; LT 14716720 T 20140314; MX 2015011664 A 20140314; MY PI2015703003 A 20140314; NZ 71262014 A 20140314; PE 2015001867 A 20140314; PL 14716720 T 20140314; PT 14716720 T 20140314; TW 103109409 A 20140314; UA A201509416 A 20140314