

Title (en)
INTERIOR BUILDING MATERIALS

Title (de)
INNENBAUMATERIALIEN

Title (fr)
MATÉRIAUX DE CONSTRUCTION INTÉRIEURS

Publication
EP 3597835 A4 20210113 (EN)

Application
EP 18767943 A 20180312

Priority
• JP 2017051273 A 20170316
• JP 2018009504 W 20180312

Abstract (en)
[origin: EP3597835A1] The present invention intends to provide a technique by which, in an interior building material which is represented by a gypsum board and to which a magnet does not attach, the surface of such an interior building material can be modified so that a magnet can attach to the surface by simple means that can be put into practical use, a wall face and the like for which a stopper with a magnet, which is a substitute for a thumbtack, and a magnet sheet are usable can thereby be formed, and an interior building material which has realized favorable construction efficiency such that the interior building material can be easily cut with a cutter knife or the like can be made, and this object is realized by providing an interior building material having a plurality of sheet-like magnetic materials fixed to at least a portion of a surface or back surface of a plate-like base material to which a magnet does not attach, wherein adjacent magnetic materials are disposed in such a way as to have a portion where the adjacent magnetic materials are in contact with each other, or adjacent magnetic materials are disposed through a gap having a narrow portion.

IPC 8 full level
E04F 13/12 (2006.01); **E04C 2/04** (2006.01); **E04C 2/08** (2006.01); **E04C 2/28** (2006.01)

CPC (source: EP KR RU US)
E04C 2/043 (2013.01 - EP); **E04F 13/08** (2013.01 - RU); **E04F 13/0862** (2013.01 - KR); **E04F 13/0883** (2013.01 - KR);
E04F 13/12 (2013.01 - EP RU US); **E04F 13/14** (2013.01 - RU US); **E04C 2/28** (2013.01 - US); **E04F 2201/06** (2013.01 - US)

Citation (search report)
• [XAI] WO 2016133680 A1 20160825 - UNITED STATES GYPSUM CO [US]
• See references of WO 2018168770A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3597835 A1 20200122; **EP 3597835 A4 20210113**; **EP 3597835 B1 20240117**; AU 2018235525 A1 20190704;
AU 2021202091 A1 20210429; AU 2021202091 B2 20230316; BR 112019015124 A2 20200324; BR 112019015124 B1 20230418;
CA 3055065 A1 20180920; CA 3055065 C 20220809; CN 110446820 A 20191112; JP 2017155583 A 20170907; JP 6901164 B2 20210714;
JP WO2018168770 A1 20200116; KR 20190097254 A 20190820; KR 20220128677 A 20220921; MX 2019009444 A 20191009;
MY 194789 A 20221215; PH 12019502117 A1 20200706; RU 2019130571 A 20210416; RU 2019130571 A3 20210416;
RU 2747293 C2 20210504; SA 519410054 B1 20220419; SG 11201906737Q A 20191030; TW 201837286 A 20181016; TW I744506 B 20211101;
US 2020080320 A1 20200312; WO 2018168770 A1 20180920

DOCDB simple family (application)
EP 18767943 A 20180312; AU 2018235525 A 20180312; AU 2021202091 A 20210406; BR 112019015124 A 20180312;
CA 3055065 A 20180312; CN 201880018520 A 20180312; JP 2017051273 A 20170316; JP 2018009504 W 20180312;
JP 2019506007 A 20180312; KR 20197021773 A 20180312; KR 20227031573 A 20180312; MX 2019009444 A 20180312;
MY PI2019003636 A 20180312; PH 12019502117 A 20190916; RU 2019130571 A 20180312; SA 519410054 A 20190905;
SG 11201906737Q A 20180312; TW 107108865 A 20180315; US 201816468561 A 20180312