

Title (en)

FIRE CLASSIFIED BUILDING BOARD AND ITS USE, AND PARTITION WALL STRUCTURE

Title (de)

FEUERKLASSIFIZIERTES GEBÄUDEBRETT UND SEINE NUTZUNG UND TEILWANDSTRUKTUR

Title (fr)

PANNEAU DE CONSTRUCTION CLASSIFIÉ AU FEU ET SON UTILISATION, ET STRUCTURE DE MUR DE CLOISON

Publication

EP 3696337 A1 20200819 (EN)

Application

EP 19211510 A 20191126

Priority

FI U20184210 U 20181212

Abstract (en)

A building board, which comprises a core material layer and at least one surface layer arranged on a first planar surface of the core material layer. The core material layer comprises inorganic binder and 1-20 weight-% of crushed foam insulation calculated from the total mass of the binder and crushed foam insulation, and the surface layer comprises one or more reinforcement layers, and/or a metal board and/or a composite board comprising metal. The building board can be used in partition wall structures.

IPC 8 full level

E04B 1/94 (2006.01); **E04B 2/74** (2006.01); **E04B 2/82** (2006.01); **E04C 2/284** (2006.01)

CPC (source: EP FI)

E04B 1/942 (2013.01 - EP); **E04B 2/72** (2013.01 - FI); **E04B 2/7403** (2013.01 - EP FI); **E04B 2/7411** (2013.01 - EP); **E04B 2/825** (2013.01 - EP); **E04C 2/284** (2013.01 - EP); **E04C 2/292** (2013.01 - EP)

Citation (search report)

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- [Y] US 4130972 A 19781226 - VARLONGA GIOVANNI
- [E] EP 3594425 A1 20200115 - FINNFOAM OY [FI]
- [A] KR 20180007737 A 20180124 - SANG NAM CO LTD [KR]

Cited by

CN112161123A

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

Designated extension state (EPC)

BA ME

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