Title (en)
Mineral fibre insulation board

Title (de)
Mineralfaserisolationspanel

Title (fr)
Panneau d'isolation en fibres minérales

Publication
EP 1643047 A1 20060405 (EN)

Application
EP 04388066 A 20040929

Priority
EP 04388066 A 20040929

Abstract (en)
A mineral fibre board having at least two resilient edges in order to prevent any small gaps in the joints between two adjacent boards when these are installed. The purpose of the invention is to improve the effect of the insulation layer and thereby either reducing the heat loss to a minimum in order to comply with new standards for low energy consumption buildings or to improve the fire properties of a fire protection insulation layer on e.g. steel constructions. The invention also concerns a method for producing the mineral fibre board by mechanical compression by rollers.

IPC 8 full level
E04B 1/80 (2006.01)

CPC (source: EP)
E04B 1/80 (2013.01); E04B 2001/7695 (2013.01)

Citation (applicant)
- DE 3203622 A1 19830407 - ROCKWOOL MINERALWOLLE [DE]
- US 5213885 A 19930525 - ZOGG HANS [CH], et al
- WO 03086697 A1 20031023 - ROCKWOOL INT [DK], et al
- WO 0073600 A1 20001207 - ROCKWOOL INT [DK], et al

Citation (search report)
- [X] WO 02099213 A1 20021212 - ROCKWOOL MINERALWOLLE [DE], et al
- [DA] DE 3203622 A1 19830407 - ROCKWOOL MINERALWOLLE [DE]
- [DA] US 5213885 A 19930525 - ZOGG HANS [CH], et al

Cited by
EP2194203A3; EA012151B1; EP1826329A1; WO2006136396A3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1643047 A1 20060405; CA 2581872 A1 20060406; EP 1794384 A1 20070613; NO 20072068 L 20070619; PL 118337 U1 20100705; RU 2007116175 A 20081110; WO 2006034715 A1 20060406

DOCDB simple family (application)
EP 04388066 A 20040929; CA 2581872 A 20050929; DK 2005000618 W 20050929; EP 05786706 A 20050929; NO 20072068 A 20070423; PL 11833705 U 20050929; RU 2007116175 A 20050929