

Title (en)
INSULATING LAYER CONSISTING OF MINERAL FIBRES, AND BUILDING WALL

Title (de)
DÄMMSCHICHT AUS MINERALFASERN UND GEBÄUDEWAND

Title (fr)
COUCHE ISOLANTE EN FIBRES MINÉRALES ET PAROI DE BATIMENT

Publication
EP 1525358 A1 20050427 (DE)

Application
EP 03764923 A 20030628

Priority
• DE 10232853 A 20020719
• DE 10248326 A 20021017
• EP 0306879 W 20030628

Abstract (en)
[origin: WO2004009927A1] The invention relates to an insulating layer consisting of mineral fibres, and a building wall comprising a supporting framework consisting of at least two interspaced, preferably perpendicularly oriented posts, especially in the form of C, U, W or ohm-shaped profiled metal parts, a lining on at least one side, preferably in the form of gypsum plasterboard and/or gypsum fibreboard, and heat and/or sound insulation consisting of an insulating layer. The aim of the invention is to develop an insulating layer and a building wall in such a way that the construction thereof, especially the assembly, is essentially simplified and accelerated such that a cost-effective assembly can be achieved with insulation results which are at least as good. To this end, the mineral fibre body (10) consists of at least two layers (11, 12) which are arranged in the form of a sandwich and have a different apparent density and/or dynamic rigidity.

IPC 1-7
E04B 2/74; D04H 13/00

IPC 8 full level
E04B 2/74 (2006.01); **E04B 1/84** (2006.01)

CPC (source: EP)
E04B 2/7457 (2013.01); **E04B 2/7409** (2013.01); **E04B 2/7411** (2013.01); **E04B 2001/8461** (2013.01)

Citation (search report)
See references of WO 2004009927A1

Cited by
EP3564423A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004009927 A1 20040129; AU 2003246632 A1 20040209; DE 10261988 A1 20040129; DE 10261988 B4 20070125;
EP 1525358 A1 20050427; EP 1525358 B1 20111109; EP 2284325 A2 20110216; EP 2284325 A3 20140910; NO 20050890 L 20050218;
PL 212918 B1 20121231; PL 374556 A1 20051031

DOCDB simple family (application)
EP 0306879 W 20030628; AU 2003246632 A 20030628; DE 10261988 A 20021017; EP 03764923 A 20030628; EP 10009883 A 20030628;
NO 20050890 A 20050218; PL 37455603 A 20030628