

Title (en)
Insulating wall system

Title (de)
Isoliertes Wandsystem

Title (fr)
Système de parois isolant

Publication
EP 1826329 A1 20070829 (EN)

Application
EP 06388009 A 20060222

Priority
EP 06388009 A 20060222

Abstract (en)
This invention relates to a wall system comprising a first (5) and a second wall part, where the second wall part comprises insulation panels (3) each insulation panel having first and second substantially parallel major surfaces (7,8). The second major surface (8) is facing the first wall part (5), and the insulation panel has at least three, preferably four, minor surfaces (9), where a slit (10) is made in a minor surface and extending substantially parallel with the major surfaces. The insulation panel is positioned between at least two profiles (4), each profile having a base portion (13) substantially parallel with and in contact with a part of one minor edge surface of the insulation panel and a flange portion (11) substantially parallel with the major surfaces of the insulation panel and extending into said slit in the minor surface of the insulation panel. The insulation panel having a thickness larger than a width of the base portion (13) of the profiles, and at least one profile is arranged and fastened to parts of the building different from the first wall part, so that no elements connected to said profile except the insulation panel span from the first major surface of the insulation panel to the second major surface of the insulation panel.

IPC 8 full level
E04B 1/74 (2006.01); **E04B 1/76** (2006.01)

CPC (source: EP US)
E04B 1/7612 (2013.01 - EP US); **E04B 1/7675** (2013.01 - EP US)

Citation (applicant)
• DE 10147831 A1 20020919 - ROCKWOOL MINERALWOLLE [DE]
• EP 1643047 A1 20060405 - ROCKWOOL INT [DK]

Citation (search report)
• [XY] EP 1286004 A1 20030226 - ROCKWOOL MINERALWOLLE [DE]
• [Y] WO 9845545 A1 19981015 - RAUTARUUKKI OY [FI], et al
• [YA] FR 2631647 A1 19891124 - CASCO NOBEL FRANCE SA [FR]
• [A] US 4736917 A 19880412 - THURESSON JAN [SE]
• [A] DE 19540750 A1 19970507 - FOAG JOHANN [DE]

Cited by
ES2603391A1; FR2961537A1; FR3005081A1; EA031235B1; US9580905B2; US9580913B2; WO2014173931A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1826329 A1 20070829; CA 2642776 A1 20070830; CA 2642776 C 20111129; DK 1989362 T3 20140526; EA 013769 B1 20100630; EA 200870276 A1 20090227; EP 1989362 A1 20081112; EP 1989362 B1 20140326; ES 2472274 T3 20140630; NO 20083798 L 20080903; PL 1989362 T3 20140930; UA 90791 C2 20100525; US 2009165410 A1 20090702; WO 2007095948 A1 20070830

DOCDB simple family (application)
EP 06388009 A 20060222; CA 2642776 A 20070221; DK 07702500 T 20070221; DK 2007000082 W 20070221; EA 200870276 A 20070221; EP 07702500 A 20070221; ES 07702500 T 20070221; NO 20083798 A 20080903; PL 07702500 T 20070221; UA A200811368 A 20070221; US 28029607 A 20070221