

Title (en)  
Exterior wall panel and corresponding wall structure

Title (de)  
Aussenwandpaneel und Aussenwand

Title (fr)  
Panneau pour mur exterieur et mur exterieur

Publication  
**EP 1312725 A1 20030521 (EN)**

Application  
**EP 02396164 A 20021106**

Priority  
FI 20012239 A 20011119

Abstract (en)  
A wall structure composed of exterior wall panels, comprising a frame (30) and exterior wall panels (1) attached to said frame and filled with heat insulation (11), said exterior wall panels being placed one on top of the other, so that the downwardly pointing bottom web (4) of the upper exterior wall panel at least partly rests against the outwardly pointing top web (3) of the lower exterior wall panel, as well as exterior sheathing plates (31a) attached to the exterior wall panels. The panels made of metal sheet (10) also include an inner surface section (2) and a downwardly pointing top flange (6) and a bottom flange (7) provided at the edges of the top web and the bottom web. Both the top web and the bottom web are provided with thermal perforation, and the outer surface (12) of the heat insulation is located in the area of the plane (T) that passes in parallel with the inner surface section, through the top flange, and the bottom flange protrudes from said plane as much as an air gap (W1). <IMAGE>

IPC 1-7  
**E04C 2/292**; **E04C 2/08**

IPC 8 full level  
**E04C 2/08** (2006.01); **E04C 2/292** (2006.01)

CPC (source: EP)  
**E04C 2/08** (2013.01); **E04C 2/292** (2013.01)

Citation (applicant)  
• EP 0801190 A1 19971015 - ROCKWOOL LAPINUS BV [NL]  
• EP 0849420 A1 19980624 - SCHNEIDER & CO [CH], et al  
• WO 0077318 A1 20001221 - ROCKWOOL LAPINUS BV [NL], et al  
• EP 0896106 A2 19990210 - SAINT GOBAIN ISOVER [FR]  
• US 4016700 A 19770412 - BLOMSTEDT HANS CARL MAGNUS  
• EP 0136618 A2 19850410 - RICHTER SYSTEM GMBH & CO KG [DE]  
• US 4713921 A 19871222 - MINIALOFF GERRARD O [CA], et al  
• WO 9845545 A1 19981015 - RAUTARUUKKI OY [FI], et al

Citation (search report)  
• [A] DE 2945506 A1 19810527 - SIEGENER AG GEISWEID [DE]  
• [A] EP 1113116 A2 20010704 - PLANNJA AB [SE], et al  
• [A] DE 8616637 U1 19860821

Cited by  
WO2016001580A1; EP3832049A1; RU208925U1; DE10341635A1; EP1524379A1; EP2180114A1; NL1024543C2; EP1524380A1; EP3851760A1; US11351759B2; FR3023310A1; FR3103838A1; FR3103839A1; WO2015028834A1; WO2012050535A1; US9611640B2; US10844596B2

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

DOCDB simple family (publication)  
**EP 1312725 A1 20030521**; **EP 1312725 B1 20080213**; AT E386175 T1 20080315; DE 60224973 D1 20080327; FI 114495 B 20041029; FI 20012239 A0 20011119; NO 20025458 D0 20021114; NO 20025458 L 20030520; PL 357176 A1 20030602; RU 2298619 C2 20070510

DOCDB simple family (application)  
**EP 02396164 A 20021106**; AT 02396164 T 20021106; DE 60224973 T 20021106; FI 20012239 A 20011119; NO 20025458 A 20021114; PL 35717602 A 20021118; RU 2002130800 A 20021119