

Title (en)  
WALL DESIGN MADE OF PLATES

Title (de)  
WANDKONSTRUKTION AUS PLATTEN

Title (fr)  
CONSTRUCTION DE PAROI CONSTITUÉE DE PLAQUES

Publication  
**EP 2350404 B1 20180620 (DE)**

Application  
**EP 08874021 A 20081221**

Priority  
• EP 2008011002 W 20081221  
• DE 202008005770 U 20080425

Abstract (en)  
[origin: WO2009129839A1] The invention describes the construction of more or less thin house walls, with supporting plates thereof being stabilized such that said plates utilize an insulating middle layer for stiffening across the cross section. In particular, natural stone plates are used, which become self-supporting wall and facade elements with the aid of fiber reinforcement. Fiber-stabilized stone panels comprising an insulating layer made of foam material in the middle layer are configured symmetrically and are thus dimensioned in such a way that they can absorb support loads and buckling loads while maintaining a comparatively very low weight.

IPC 8 full level  
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CPC (source: EP)  
**E04C 2/288** (2013.01); **E04C 2/296** (2013.01); **E04C 2/382** (2013.01); **E04C 2/386** (2013.01); **E04F 13/14** (2013.01)

Citation (examination)  
• DE 29818660 U1 19990304 - BRAUNER SIEGFRIED [DE], et al  
• NL 1023445 C1 20041117 - COMPOSITETEN TEAM B V [NL]

Cited by  
WO2020141185A1; JP2022516659A; DE202021001119U1; DE202019000008U1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
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