

Title (en)  
Profiled building component

Title (de)  
Profiliertes Bauelement

Title (fr)  
Elément de construction profilé

Publication  
**EP 1524380 A1 20050420 (EN)**

Application  
**EP 04077852 A 20041014**

Priority  
NL 1024543 A 20031015

Abstract (en)  
The invention relates to a profiled building component arranged for being mounted to the outside of a structure, e.g. in the form of an outer wall, roof or inner wall structure, comprising an outer plate part (1), an inner plate part (2), and an intermediate connecting plate part (3), said outer plate part (1) and inner plate part (2) being arranged at an angle to said connecting plate part (3) and in which the stiffness of the building component is achieved by turns and/or ribs in at least one of the plate parts and further by fixedly connecting an insulating body (5) to at least one of the plate parts with specific embodiments. In order to reduce the action as a thermal bridge of said connecting plate part to an important degree while maintaining a predetermined stiffness, at least one series of perforations (12,14) is provided in the connecting plate part (3). <IMAGE>

IPC 1-7  
**E04C 2/292**; **E04C 2/296**; **E04F 13/08**; **E04C 2/08**; **E04D 3/35**

IPC 8 full level  
**E04C 2/08** (2006.01); **E04C 2/292** (2006.01); **E04C 2/32** (2006.01); **E04C 2/36** (2006.01); **E04D 3/35** (2006.01); **E04F 13/08** (2006.01)

CPC (source: EP)  
**E04C 2/08** (2013.01); **E04C 2/292** (2013.01); **E04D 3/352** (2013.01); **E04F 13/0878** (2013.01)

Citation (applicant)  
US 4713921 A 19871222 - MINIALOFF GERRARD O [CA], et al

Citation (search report)  
• [XY] EP 0196379 A1 19861008 - MINIALOFF GERRARD OTTO [CA], et al  
• [XY] US 4713921 A 19871222 - MINIALOFF GERRARD O [CA], et al  
• [XY] GB 2054697 A 19810218 - HELFRECHT MANFRED  
• [XY] FR 1229915 A 19600912  
• [XY] FR 1521926 A 19680419  
• [XY] US 2762472 A 19560911 - JACKSON JAMES O  
• [X] US 2003110730 A1 20030619 - VOS CARLO [ZA]  
• [X] FR 791124 A 19351204  
• [XY] US 1701304 A 19290205 - JONES JR WALTER CLYDE  
• [X] DE 3219750 A1 19831215 - HAAG ERNST WILLI DR  
• [YA] US 3969866 A 19760720 - KYNE PETER JOHN  
• [Y] DE 1709173 A1 19710519 - LUSALITE SOCIDA DE PORTUGUESA  
• [Y] EP 1312725 A1 20030521 - RAUTARUUKKI OYJ [FI]  
• [Y] US 5636489 A 19970610 - LEVERRIER THIERRY [FR], et al  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)

Cited by  
CH705851A1; GB2556064A; GB2556064B; WO2020117036A1; EP2641726A1; EP2641727A1; WO2009024650A1; WO2008113886A3

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 1524380 A1 20050420**; NL 1024543 C2 20050420

DOCDB simple family (application)  
**EP 04077852 A 20041014**; NL 1024543 A 20031015