

Title (en)
Plywood Panel

Title (de)
Sperrholzpaneel

Title (fr)
Panneau contreplaqué

Publication
EP 2644478 B1 20180509 (EN)

Application
EP 12397510 A 20120327

Priority
EP 12397510 A 20120327

Abstract (en)
[origin: EP2644478A1] A panel (101) comprising a first planar surface (202) and a second opposite planar surface (204), the second surface (204) being parallel to the first surface (202). Plywood or oriented standard board layers are arranged between the first surface (202) and the second surface (204). The panel (101) comprises a first edge (206) extending from the boundary of the first surface (202) to the boundary of the second surface (204), and a second edge (208) extending from the boundary of the first surface (202) to the boundary of the second surface (204), wherein the second edge (208) is opposite to the first edge (206). The first edge (206) comprises a projection (230), wherein the projection (230) protrudes from the first edge (206) and extends in a direction of the first edge (206). The projection (230) is made of the same material as the panel (101) and is an integral part of the panel (101). The second edge (208) of the panel (101) comprises a supporting area (232), whereby the projection (230) and the supporting area (232), in combination, are arranged to leave a space (150) in between the panel (101) and a similar other panel (101), when the projection (230) of the panel (101) is in contact with the supporting area (232) of the other similar panel (101). In addition, a wall structure comprising at least two such panels (200a,200b).

IPC 8 full level
E04B 1/61 (2006.01); **E04F 13/10** (2006.01); **E04F 15/02** (2006.01); **E04F 15/04** (2006.01)

CPC (source: EP)
E04F 13/10 (2013.01); **E04F 15/02038** (2013.01); **E04F 15/046** (2013.01); **E04B 1/6125** (2013.01); **E04B 1/6179** (2013.01); **E04F 2201/0107** (2013.01); **E04F 2201/026** (2013.01)

Citation (examination)
US 2005123728 A1 20050609 - REICHWEIN DAVID P [US], et al

Citation (opposition)
Opponent : Moelven Wood AB
• US 4471012 A 19840911 - MAXWELL THOMAS V [US]
• US 3987599 A 19761026 - HINES JOHN H
• US 2005123728 A1 20050609 - REICHWEIN DAVID P [US], et al
• US 6675544 B1 20040113 - OU NIAN-HUA [US], et al
• US 4095913 A 19780620 - PETTERSSON NILS INGVAR, et al
• US 6397548 B1 20020604 - MARTIN MICHAEL L [US], et al
• US 2001035264 A1 20011101 - PADMANABHAN GOPALKRISHNA [US]
• US 5143418 A 19920901 - FOUQUET ROBERT J M [CA]
• EP 0018329 A1 19801029 - BOSCHETTI GIOVANNI
• ANONYMOUS: "Product-guide Construction Plywood", VANERPLY, June 2003 (2003-06-01), XP055562406
• "Vanerply Väggs BSAB 03", VANERPLY, June 2005 (2005-06-01)
• "Encyclopedia of Materials: Science and Technology", 1 January 2003, PERGAMON, article D. W. GREEN: "Wood: Strength and Stiffness", pages: 9732 - 9736
• "Plywood Design Specification", APA THE ENGINEERED WOOD ASSOCIATION, September 1998 (1998-09-01), pages 4 - 31, XP055562442

Cited by
CN106013669A; ES2504016A1; EP3015614A1; EP3612688A4; WO2016034309A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2644478 A1 20131002; EP 2644478 B1 20180509; DK 2644478 T3 20180813

DOCDB simple family (application)
EP 12397510 A 20120327; DK 12397510 T 20120327