

Title (en)
STRUCTURAL INSULATION SHEATHING

Title (de)
UMMANTELUNG ZUR STRUKTURELLEN ISOLATION

Title (fr)
REVÊTEMENT ISOLANT DE CONSTRUCTION

Publication
EP 2015930 A1 20090121 (EN)

Application
EP 07809034 A 20070430

Priority
• US 2007010439 W 20070430
• US 79714306 P 20060503

Abstract (en)
[origin: WO2007142761A1] Structural insulation sheathing (SIS), preferably in the form of a panel, comprises a structural member and an insulation member. The structural member and insulation members are in intimate, planar contact with one another, and the SIS structure meets both the structural (that is, AC 269) and insulation (R>2) requirements for the North American residential market. The structural member of the SIS structure is multi-layer laminated paperboard. The insulation member of the SIS is a foamed sheet of a thermoplastic material such as polyisocyanurate.

IPC 8 full level
B32B 5/18 (2006.01); **B32B 5/20** (2006.01); **B32B 29/00** (2006.01); **E04C 2/296** (2006.01)

CPC (source: EP US)
B32B 5/20 (2013.01 - EP US); **B32B 15/20** (2013.01 - EP US); **B32B 27/36** (2013.01 - EP US); **B32B 27/40** (2013.01 - EP US); **B32B 29/00** (2013.01 - EP US); **E04C 2/296** (2013.01 - EP US)

Citation (search report)
See references of WO 2007142761A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2007142761 A1 20071213; AU 2007257429 A1 20071213; CA 2649808 A1 20071213; CN 101437674 A 20090520; EP 2015930 A1 20090121; JP 2009535546 A 20091001; US 2009113831 A1 20090507

DOCDB simple family (application)
US 2007010439 W 20070430; AU 2007257429 A 20070430; CA 2649808 A 20070430; CN 200780015987 A 20070430; EP 07809034 A 20070430; JP 2009509639 A 20070430; US 29606607 A 20070430