

Title (en)  
INSULATION COMPOSITE PANEL

Title (de)  
VERBUNDDÄMMPLATTE

Title (fr)  
PANNEAU COMPOSITE D'ISOLATION

Publication  
**EP 2852716 A4 20160120 (EN)**

Application  
**EP 13793795 A 20130521**

Priority  
• BG 221412 U 20120523  
• BG 2013000021 W 20130521

Abstract (en)  
[origin: WO2013173889A2] Utility model in the field of construction products and refers to the construction of a composite insulation panel. The composite panel consists of a single layer of polyurethane foam (1) with a thickness of more than 20 mm. The second layer is a fiberglass cloth (2) with a thickness of not more than 2 mm. The two layers are glued to one another. On the periphery of the panel a glab (6 and 7) to the two neighboring sides and a tooth respectively (5 and 8) to the opposite of these sides are made to eliminate any thermal bridge during installation. In this case the fiberglass cloth (2) extends beyond the dimensions of the polyurethane foam (1) with not more than 40 mm. in the two neighboring sides.

IPC 8 full level  
**E04B 1/76** (2006.01); **B32B 5/18** (2006.01); **B32B 27/06** (2006.01); **E04C 2/296** (2006.01)

CPC (source: EP)  
**B32B 5/18** (2013.01); **B32B 5/245** (2013.01); **B32B 7/12** (2013.01); **B32B 27/12** (2013.01); **E04B 1/762** (2013.01); **E04B 1/7675** (2013.01); **E04C 2/243** (2013.01); **E04C 2/246** (2013.01); **B32B 37/10** (2013.01); **B32B 2262/101** (2013.01); **B32B 2266/0278** (2013.01); **B32B 2266/08** (2013.01); **B32B 2305/022** (2013.01); **B32B 2307/3065** (2013.01); **B32B 2315/085** (2013.01); **B32B 2375/00** (2013.01); **B32B 2607/00** (2013.01); **E04B 1/7625** (2013.01); **E04F 13/047** (2013.01)

Citation (search report)  
• [I] US 2011239566 A1 20111006 - CIUPERCA ROMEO ILARIAN [US], et al  
• [I] US 2002124508 A1 20020912 - DUNN DANIEL D [US], et al  
• See references of WO 2013173889A2

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)  
**WO 2013173889 A2 20131128**; **WO 2013173889 A3 20140130**; BG 1681 U1 20130430; EP 2852716 A2 20150401; EP 2852716 A4 20160120

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