

Title (en)
COMPOSITE STRUCTURAL PANEL AND RELATIVE METHOD OF PRODUCTION

Title (de)
VERBUNDBAUPLATTE UND ENTSPRECHENDES HERSTELLUNGSVERFAHREN

Title (fr)
PANNEAU STRUCTURAL COMPOSITE ET PROCEDE ASSOCIE DE FABRICATION

Publication
EP 1989043 A2 20081112 (EN)

Application
EP 07705688 A 20070221

Priority
• IB 2007000593 W 20070221
• IT BO20060144 A 20060228

Abstract (en)
[origin: WO2007099452A2] A composite structural panel (1) comprises a three- dimensional stratiform element (2) with a plurality of open cells (3) having an orderly structure; and a filling material (4) positioned in the cells (3) , and at least one covering sheet (5) glued to the three-dimensional stratiform element (2) . The panel (1) has a density which may vary from 30 to 1500 kg/m3 and has thermal resistance, acoustic resistance and fire resistance properties . The invention also relates to a method for production of the panel .

IPC 8 full level
B32B 3/08 (2006.01); **B31D 3/02** (2006.01); **B32B 3/12** (2006.01); **E04C 2/36** (2006.01)

CPC (source: EP US)
B31D 3/0284 (2013.01 - EP); **B31D 3/0292** (2013.01 - EP); **B32B 3/12** (2013.01 - EP US); **B32B 9/002** (2013.01 - EP); **B32B 9/005** (2013.01 - EP); **B32B 13/00** (2013.01 - EP); **B32B 15/04** (2013.01 - EP); **B32B 15/14** (2013.01 - EP); **B32B 15/20** (2013.01 - EP); **E04C 2/365** (2013.01 - EP); **B32B 2262/06** (2013.01 - EP); **B32B 2262/101** (2013.01 - EP); **B32B 2262/106** (2013.01 - EP); **B32B 2266/0242** (2013.01 - EP US); **B32B 2266/0264** (2013.01 - EP US); **B32B 2266/0278** (2013.01 - EP US); **B32B 2266/0285** (2013.01 - EP US); **B32B 2266/053** (2016.10 - US); **B32B 2307/102** (2013.01 - EP); **B32B 2307/304** (2013.01 - EP); **B32B 2307/3065** (2013.01 - EP); **B32B 2307/72** (2013.01 - EP); **B32B 2419/04** (2013.01 - EP); **B32B 2607/00** (2013.01 - EP)

Citation (search report)
See references of WO 2007099452A2

Cited by
CN102733540A

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007099452 A2 20070907; **WO 2007099452 A3 20071221**; EP 1989043 A2 20081112; IT BO20060144 A1 20070901

DOCDB simple family (application)
IB 2007000593 W 20070221; EP 07705688 A 20070221; IT BO20060144 A 20060228