

Title (en)
Method of producing a wood fibreboard

Title (de)
Verfahren zur Herstellung einer Holzwerkstoffplatte

Title (fr)
Procede de fabrication d'un panneau de fibres à bois

Publication
EP 2241426 B1 20160504 (DE)

Application
EP 09005468 A 20090417

Priority
EP 09005468 A 20090417

Abstract (en)
[origin: EP2241426A1] The method involves exposing a cake e.g. chip cake or fiber cake, made of wood chips or wood fibers on a conveyor belt (2) to vacuum below a prepress (3) and in front of a hot press (5). An impregnating fluid is applied on the cake and is distributed due to the vacuum at the cake. The impregnating fluid is cross-linked during pressing. The impregnating fluid is sprayed on the chip cake or fiber cake by nozzles, where the fluid influences water absorption capacity and mechanical strength properties of a pressed wooden material board. An independent claim is also included for a system for manufacturing a wooden material board i.e. wood fiberboard.

IPC 8 full level
B27N 3/18 (2006.01); **B27N 1/00** (2006.01); **B27N 3/24** (2006.01)

CPC (source: EP)
B27N 1/00 (2013.01); **B27N 3/18** (2013.01); **B27N 3/24** (2013.01); **B27N 9/00** (2013.01)

Citation (examination)
DE 10314974 A1 20041021 - GLUNZ AG [DE]

Cited by
EP2623282A1; WO2023232598A1; EP3693144A1; CN109591122A; US10889022B2; WO2012093090A3; WO2019210941A1; WO2019210940A1; US11518061B2; EP4286149A1; EP2474399A1; US2013328238A1; EP3184272A3; US9969101B2; DE202013100406U1; DE102012100800A1; EP3127670A2; DE102012100800B4; WO2012093090A2; EP3184272A2; EP3461610A1

Designated contracting state (EPC)
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DOCDB simple family (application)
EP 09005468 A 20090417; EP 16151741 A 20090417; ES 09005468 T 20090417; ES 16151741 T 20090417; PL 09005468 T 20090417; PL 16151741 T 20090417