

Title (en)

Method and apparatus for the manufacture of lignocellulosic boards

Title (de)

Verfahren und Vorrichtung zur Herstellung von Holzwerkstoffplatten

Title (fr)

Méthode et dispositif pour la fabrication de panneaux lignocellulosiques

Publication

EP 1747865 A3 20130220 (DE)

Application

EP 06015368 A 20060724

Priority

DE 102005035244 A 20050725

Abstract (en)

[origin: EP1747865A2] The method involves manufacturing panels from one or more layers of particles strewn from scattering stations on a continuously moving molding belt to form a pressed material mat that is finally pressed to a final shape under pressure and heat and hardened. While a particle stream is falling from a scattering bunker or into the scattering head from nozzles, water vapor with a temperature of 100 to 180 degrees C, preferably 105 to 130 degrees C, is injected into the particle flow to adjust the moisture and temperature of the particles in the particle flow. An independent claim is also included a device for implementing the inventive method.

IPC 8 full level

B27N 3/14 (2006.01); **B27N 3/18** (2006.01)

CPC (source: EP)

B27N 3/14 (2013.01); **B27N 3/18** (2013.01)

Citation (search report)

- [A] DE 10314623 B3 20050113 - KRONOTEC AG [CH]
- [A] DE 10207573 C1 20030703 - SIEMPELKAMP MASCH & ANLAGENBAU [DE]
- [A] DE 10315922 A1 20041104 - METSO PAPER INC [FI]
- [A] GB 1118099 A 19680626 - BECKER & VAN HUELLEN
- [A] WO 2004035279 A1 20040429 - SIEMPELKAMP MASCH & ANLAGENBAU [DE], et al
- [A] DE 10161341 A1 20030626 - DIEFFENBACHER GMBH MASCHF [DE]

Cited by

CN112706252A; WO2017207449A1

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

Designated extension state (EPC)

AL BA HR MK RS

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