

Title (en)

Method and apparatus for producing a solid or layered mat from granular substances

Title (de)

Verfahren und Streumaschine zur vollständigen oder schichtweise Herstellung einer Streugutmatte

Title (fr)

Procédé et installation pour la fabrication d'un mat solide ou multicouche de matériaux granulaires

Publication

EP 1889702 A3 20090812 (DE)

Application

EP 07015980 A 20070814

Priority

DE 102006038183 A 20060814

Abstract (en)

[origin: EP1889702A2] Process for complete or layer-wise production of a mat from chips pressed by pressure and heat during the production of timber product plates comprises dispersing and sieving the chips using a roller bed and removing over-sized chips from the process, and exposing the remaining chips to a directed air flow followed by wind screening and a second sieving. The wind screening is performed using the air flow and a fine sieve. Over-sized chips undergo second sieving and any remaining over-sized chips are removed. The chips from the wind screening and the second sieving are used to make a mat or layers of a mat on a molded sheet. An independent claim is also included for a machine for complete or layer-wise production of a mat from chips pressed by pressure and heat during the production of timber product plates. Preferred Features: The second sieving is performed using a perforated sheet or wire net.

IPC 8 full level

B27N 3/14 (2006.01)

CPC (source: EP)

B27N 3/14 (2013.01)

Citation (search report)

- [A] DE 2535461 A1 19770210 - SIEMPELKAMP GMBH & CO
- [A] DE 4021939 A1 19920116 - SIEMPELKAMP GMBH & CO [DE]
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- [A] DE 10206595 A1 20030828 - DIEFFENBACHER GMBH MASCHF [DE]
- [A] WO 9954537 A1 19991028 - SOERENSEN ELMGAARD BIRGER [DK]
- [A] EP 0800901 A1 19971015 - SCHENCK PANEL PRODUCTION SYSTE [DE]
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CN109719827A; EP2626179A1; CN106362946A; WO2015091942A3; EP3130436A1; DE102015112013A1; DE202016008367U1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

EP 1889702 A2 20080220; EP 1889702 A3 20090812; EP 1889702 B1 20120111; AT E540793 T1 20120115; CN 101186049 A 20080528; CN 101186049 B 20120822; DE 102006038183 A1 20080221; PL 1889702 T3 20120629

DOCDB simple family (application)

EP 07015980 A 20070814; AT 07015980 T 20070814; CN 200710142327 A 20070813; DE 102006038183 A 20060814; PL 07015980 T 20070814