

Title (en)

APPARATUS AND METHOD FOR MANUFACTURING WOOD-BASED PANELS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON HOLZBASIERTEN PLATTEN

Title (fr)

APPAREIL ET PROCÉDÉ POUR LA FABRICATION DE PANNEAUX À BASE DE BOIS

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Application

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Abstract (en)

[origin: WO2020226545A1] The invention provides an apparatus and a method for manufacturing wood-based panels. The apparatus comprises a roller array comprising at least one first roller configured such that when it engages with a wooden fibre agglomeration while being rotated, the wooden fibre agglomeration is at least partially broken down into smaller agglomerations and/or individual fibres, wherein the roller array is arranged in a transport path for material including wooden fibre agglomerations such that at least the first roller is engageable with the wooden fibre agglomerations while the material is transported along the transport path.

IPC 8 full level

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Citation (search report)

- [XA] EP 1938934 B1 20130220 - DIEFFENBACHER GMBH MASCHINEN [DE]
- [X] EP 1231039 A2 20020814 - DIEFFENBACHER SCHENCK PANEL [DE]
- [X] EP 1442855 A2 20040804 - DIEFFENBACHER GMBH & CO KG [DE]
- [X] EP 0800901 A1 19971015 - SCHENCK PANEL PRODUCTION SYSTE [DE]
- [X] WO 0189783 A1 20011129 - FLAKEBOARD COMPANY LTD [CA], et al
- See references of WO 2020226545A1

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