

Title (en)
DOSING HOPPER AND FORMING STATION FOR USE IN THE MANUFACTURING OF PARTICLEBOARDS OR FIBERBOARDS AND METHOD FOR FILLING PARTICLES IN A DOSING HOPPER

Title (de)
DOSIERBUNKER UND FORMSTATION ZUR VERWENDUNG BEI DER HERSTELLUNG VON SPAN- ODER FASERPLATTEN UND VERFAHREN ZUM FÜLLEN VON PARTIKELN IN EINEM DOSIERBUNKER

Title (fr)
TRÉMIE DE DOSAGE ET POSTE DE FORMAGE À UTILISER DANS LA FABRICATION DE PANNEAUX DE PARTICULES OU DE PANNEAUX DE FIBRES ET PROCÉDÉ D'INTRODUCTION DE PARTICULES DANS LA TRÉMIE DE DOSAGE

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Application
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Abstract (en)
[origin: WO2018224292A1] A forming station for use in the production of boards of wood-based material, comprises a plurality of cyclones (111, 112, 113 114), and a dosing hopper comprising (100): a plurality of inlet openings (101, 102, 103 104) arranged on an upper side of the dosing hopper (100) and respectively adapted to receive a stream of lignocellulose and/or cellulose containing particles from a respective one of the cyclones, an impinging surface arranged inside and at an upper portion of the dosing hopper (111, 112, 113 114), wherein the impinging surface is positioned beneath the plurality of inlet openings (101, 102, 103 104) and spans at least over the cumulative length of the plurality of inlet openings (101, 102, 103 104) so that the particles of each particle stream entering through the plurality of inlet openings (101, 102, 103 104) impinge on the impinging surface; and conveying means adapted for moving the particles of the plurality of particle streams having impinged on the impinging surface in a direction towards a discharging end of the dosing hopper (100) to then drop into a space for storing the particles in the dosing hopper (100).

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