

Title (en)

METHODS AND INSTALLATION FOR PRODUCING A PARTICLE MAT FROM AT LEAST ONE SPREAD LAYER AND A PARTICLE MAT TO BE PRESSED IN A PRESS DURING THE PRODUCTION OF WOOD PARTICLE BOARDS

Title (de)

VERFAHREN UND ANLAGE ZUR HERSTELLUNG EINER STREUGUTMATTE AUS ZUMINDEST EINER GESTREUTEN SCHICHT UND EINE STREUGUTMATTE ZUR VERPRESSUNG IN EINER PRESSE IM ZUGE DER HERSTELLUNG VON HOLZWERKSTOFFPLATTEN

Title (fr)

PROCÉDÉ ET INSTALLATION DE RÉALISATION D'UNE NAPPE DE MATIÈRE PARTICULAIRE À PARTIR D'AU MOINS UNE COUCHE DE MATIÈRE PARTICULAIRE, ET NAPPE DE MATIÈRE PARTICULAIRE À COMPRIMER DANS UNE PRESSE AU COURS DE LA RÉALISATION DE PLAQUES EN MATÉRIAU DÉRIVÉS DU BOIS

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Application

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Abstract (en)

[origin: WO2011095357A1] The invention relates to methods and an installation for producing a particle mat (7) from at least one layer of particles (9) on a continuously revolving forming belt (8) by means of at least one spreading head (1) and a subsequent trimming of the lateral edges (17) of the particle mat by means of a trimming device (23) during the pressing of the particle mat (7) in a press (22) to give a material board. The particles (9) are stored in a bin (2) and are metered out and discharged as a material flow (24) with a substantially even metering weight per unit area (DFG) across a width (B1) at a right angle and with a length (L) in the direction of production (12) of the forming belt (8) by means of a metering device (15) and are then introduced into the spreading head (1) substantially in the direction of movement (12) and are spread onto the forming belt (8) across a width (B2) in an oriented and/or non-oriented manner by at least one spreader (14). The invention is characterized in that a substantially lower weight per unit area (FG) than the average weight per unit area of the particle mat (7) and/or the metering weight per unit area (DFG) is spread onto the lateral edges (17) of the particle mat (7). The invention further relates to a particle mat to be pressed in a press (1401).

IPC 8 full level

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- EP 0292581 A1 19881130 - SCHENCK AG CARL [DE]

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