

Title (en)
WIND DISTRIBUTING CHAMBER AND METHOD FOR DISTRIBUTING AND FORMING A FREE-FLOWING MATERIAL ON A FORMING BELT

Title (de)
WINDSTREUKAMMER UND VERFAHREN ZUM STREUEN UND FORMEN EINES RIESELFÄHIGEN MATERIALS AUF EINEM FORMBAND

Title (fr)
CHAMBRE DE DISPERSION PAR SOUFFLAGE POUR DISPERSER ET FAÇONNER UN MATÉRIAU APTE À L'ÉCOULEMENT SUR UNE BANDE DE FORMAGE

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Abstract (en)
[origin: WO2021156520A1] The invention relates to a wind distributing chamber and method for distributing and forming a free-flowing material (8) to form a material nonwoven (11) on an endlessly revolving forming belt (12) during the course of the production of material panels in a press, the wind distributing chamber (10) having a chamber (1) with a material feed (22) for introducing the material (8) into an airflow (13), a first chamber height (2a) being variable in a first region (I) of the chamber (1) by the distance between ceiling (12) and the forming belt (12), and the chamber height being variable in a further region (II, II, IV) in the flow direction (7). A wall (4) that continuously reduces the chamber height (2b) is arranged below the ceiling (23) in the second region (II) and a wall (5) continuously increasing the chamber height is arranged in the third region (III).

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