Title (en)

APPARATUS AND METHOD FOR COOLING MATERIAL BOARDS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KÜHLUNG VON WERKSTOFFPLATTEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE REFROIDISSEMENT DE PLAQUES DE MATÉRIAU

Publication

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Application

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Abstract (en)

[origin: WO2016180902A1] The invention relates to an apparatus for cooling material boards, comprising a star opener (1) and at least one transport device (6) with transport rollers (5) for transporting the material boards (2). The star opener (1) has a driven axle (9) with retaining profiles (4), radially and axially spaced apart therefrom, for defining compartments (3), said compartments (3) being suitable for accommodating at least one material board (2). The transport rollers (5) of the transport device (6) are mounted to mesh with the retaining profiles (4) of the star opener (1) in at least one transfer region (14) in order to transfer the material boards. The invention is essentially characterized by a device (7) that is designed to apply a predetermined force (F) onto the material board (2) in the transfer region (14) at least in the direction of the transport device (6). The invention further relates to a method for cooling material boards using a star opener (1).

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