

Title (en)

Method and apparatus for preheating a mat for producing wood-based boards

Title (de)

Verfahren und Vorrichtung zur Vorwärmung einer gestreuten Pressgutmatte bei der Herstellung von Holzwerkstoffplatten

Title (fr)

Procédé et dispositif de préchauffage d'une nappe pour la fabrication des panneaux à base de bois

Publication

EP 1769894 A3 20090805 (DE)

Application

EP 06020632 A 20060929

Priority

DE 102005046879 A 20050929

Abstract (en)

[origin: EP1769894A2] The wood chips or the saw dust are distributed on a belt (1) in order to be transported to the pre-heating station. The mat created between perforated belts (2,3) is lifted and guided across a heating station. Hot fluid, preferably a water and air mix, is released through nozzles (5). The perforated belts (2,3) are pre-heated by being pulled along hot plates (4) in order to avoid condensation occurring at the belts (2,3) which are cleaned when returning after having delivered the mat to the press (7). ETAILED DESCRIPTION - An independent claim is given for a device used for pre-heating a chipboard sheet.

IPC 8 full level

B27N 3/18 (2006.01); **B27N 3/24** (2006.01)

CPC (source: EP)

B27N 3/18 (2013.01); **B27N 3/24** (2013.01)

Citation (search report)

- [A] WO 02076697 A1 20021003 - METSO PAPER INC [FI], et al
- [A] DE 3640682 A1 19880609 - BAEHRE & GRETEN [DE]
- [A] DE 20209991 U1 20031030 - METSO PAPER INC [FI]
- [A] WO 8903288 A1 19890420 - KUESTERS EDUARD MASCHF [DE]
- [A] DE 19701595 A1 19970821 - SIEMPELKAMP GMBH & CO [DE]
- [A] EP 0695609 A2 19960207 - SIEMPELKAMP GMBH & CO [DE]

Cited by

CN109203130A; EP3017924A1; RU2667757C1; DE102019114016A1; DE102019114016B4; CN113840702A; WO2020239390A1; US10369721B2; US11072087B2; WO2020239394A1

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DOCDB simple family (publication)

EP 1769894 A2 20070404; **EP 1769894 A3 20090805**; **EP 1769894 B1 20111116**; AT E533603 T1 20111215; DE 102005046879 A1 20070405; PL 1769894 T3 20120430

DOCDB simple family (application)

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