

Title (en)

Method and device for extruding small parts, in particular small wooden parts with bonding agents

Title (de)

Verfahren und Vorrichtung zum Strangpressen von Kleinteilen, insbesondere Holzkleinteilen mit Bindemitteln

Title (fr)

Procédé et dispositif destinés à la pression de tronçons de petites pièces, en particulier de petites pièces en bois contenant des liants

Publication

EP 2042283 A1 20090401 (DE)

Application

EP 07018878 A 20070926

Priority

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Abstract (en)

The method involves supplying small plant parts i.e. small wooden parts, to a press area (5). The parts are compressed and are shifted in an extrusion direction. The parts are subjected to steam, where steam admission takes place via short-term steam injection. Temporal progression of the injection is aligned such that a binding agent is temporarily heated to a peak temperature, where predominant part of water in the agent evaporates and makes the agent to gel form. Mixing temperature supporting energy entry of injection operation is set in a strand according to the injection. An independent claim is also included for a device for producing a profile material.

Abstract (de)

Die Erfindung betrifft ein Verfahren und eine Vorrichtung zum Strangpressen von pflanzlichen Kleinteilen, insbesondere Holzkleinteilen mit Bindemitteln die in einer Strangpresse zu Strängen gepresst werden wobei das Bindemittel durch Dampf oder Heißwasser auf bis zu etwa 180 °C erwärmt wird und in weniger 2 s geliert.

IPC 8 full level

B27N 3/28 (2006.01)

CPC (source: EP)

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Citation (search report)

- [XA] EP 1752267 A2 20070214 - HEGGENSTALLER ANTON GMBH [DE]
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Designated contracting state (EPC)

AT BE BG CH CY CZ LI

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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