

Title (en)

Apparatus for manufacturing molded pulpboards

Title (de)

Vorrichtung zur Herstellung von Faserplatten aus geformter Pulpe

Title (fr)

Dispositif de fabrication des panneaux fibreux moulés

Publication

EP 1039028 A1 20000927 (EN)

Application

EP 99302153 A 19990319

Priority

EP 99302153 A 19990319

Abstract (en)

An apparatus for manufacturing molded pulpboards includes a conveyor (5), a plurality of molding devices (4) and a drying device (6). The conveyor (5) has two opposite sides and upstream and downstream portions. The molding devices (4) are arranged movably adjacent to the opposite sides and the upstream portion of the conveyor (5). Each of the molding devices (4) has a movable seat (41), a tank (42) disposed on the movable seat (41), a female mold (43) disposed in the tank (42), a cantilever support (44) connected to the movable seat (41) in a vertically movable position above the tank (42), a male mold (45) mounted on the cantilever support (44), a first driving device (46) for moving the cantilever support (44) toward and away from the tank (42) in order to engage and disengage the female and male molds (43, 45), a pickup device (48) mounted on the cantilever support (44) for transferring a molded pulpboard blank (7) formed on the female mold (43) from the female mold (43) to the conveyor (5), and a pulp supplying device (47) connected detachably to the tank (42) for supplying an aqueous pulp suspension to the tank (42). The drying device (6) is disposed adjacent to the downstream portion of the conveyor (5) for drying the molded pulpboard blank (7) on the conveyor (5).

<IMAGE>

IPC 1-7

D21J 7/00

IPC 8 full level

D21J 7/00 (2006.01)

CPC (source: EP)

D21J 7/00 (2013.01)

Citation (search report)

- [A] EP 0616076 A2 19940921 - VIESSMANN HANS [DE]
- [A] US 5656135 A 19970812 - BAKER ROGER J [US]

Cited by

US6332956B1

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 1039028 A1 20000927; EP 1039028 B1 20030521; DE 69908081 D1 20030626

DOCDB simple family (application)

EP 99302153 A 19990319; DE 69908081 T 19990319