

Title (en)
OVERTURNING PULP-SUCTION AUTOMATIC FORMING MACHINE FOR MOLDED PULP PRODUCTS AND MANUFACTURING METHOD

Title (de)
KIPPBARER AUTOMATISCHE FORMUNGSMASCHINE MIT ZELLSTOFFANSAUGUNG FÜR ZELLSTOFFFORMPRODUKTE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
MACHINE DE FORMAGE AUTOMATIQUE DE PÂTE À PAPIER PAR ASPIRATION À BASCULEMENT POUR PRODUITS À BASE DE PÂTE À PAPIER MOULÉE ET PROCÉDÉ DE FABRICATION

Publication
EP 3904598 A4 20220817 (EN)

Application
EP 18945133 A 20181227

Priority
CN 2018000434 W 20181227

Abstract (en)
[origin: EP3904598A1] A rotatably automatic molding machine and a method of operating the same contains: a suction mold (31) configured to move into an accommodation tank (33) so as to draw pulps, thus producing a pulp layer; a cold pressing mold (32) configured to contact with the suction mold (31) to form a molded pulp; a first hot pressing mold (41) and a second hot pressing mold (42) which contact with each other to hot press a molded pulp; a delivering mold (44) configured to deliver the molded pulp; and a picking arm (43) including a picker (432) which has a moving portion and a sucker configured to draw the molded pulp to move away from the delivering mold (44) upward. Thereafter, a slide mechanism (431) of the picking arm (43) is driven to move above a delivery mechanism (45). After stopping the picker (432) drawing the molded pulp, the molded pulp drops on and is delivered by the delivery mechanism (45).

IPC 8 full level
D21J 5/00 (2006.01); **D21J 7/00** (2006.01)

CPC (source: EP)
D21J 5/00 (2013.01); **D21J 7/00** (2013.01)

Citation (search report)
No further relevant documents disclosed

Cited by
KR102588458B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3904598 A1 20211103; EP 3904598 A4 20220817; EP 3904598 B1 20240131; EP 3904598 C0 20240131; WO 2020132776 A1 20200702

DOCDB simple family (application)
EP 18945133 A 20181227; CN 2018000434 W 20181227