

Title (en)  
METHOD AND APPARATUS FOR GLUING PARTICLES, PREFERABLY IN THE COURSE OF THE PRODUCTION OF MATERIAL BOARDS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR BELEIMUNG VON PARTIKELN, BEVORZUGT IM ZUGE DER HERSTELLUNG VON WERKSTOFFPLATTEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF D'ENCOLLAGE DE PARTICULES, DE PRÉFÉRENCE LORS DE LA FABRICATION DE PANNEAUX

Publication  
**EP 2994278 B1 20181212 (DE)**

Application  
**EP 14726089 A 20140506**

Priority  
• DE 102013104653 A 20130506  
• EP 2014059271 W 20140506

Abstract (en)  
[origin: WO2014180868A1] The invention relates to a method and to an apparatus for gluing particles (1), which, at least in part, consist of fibers and/or chips suitable for the production of material boards, comprising a metering apparatus (11) for metering the particles (1), a substantially vertical drop shaft (4), a loosening apparatus (3) arranged therebetween, and preferably a mixing apparatus (10) connected substantially horizontally downstream of the drop shaft (4). According to the invention pivotable plates (2) which can be pivoted by means of at least one actuating device (18) from a first operating position into a second cleaning position are arranged at least as parts of the drop shaft (4). In particular, it is intended to be possible, in the second cleaning position, to clean the plates (2) by means of the particles (1) flowing in the falling direction (13). In the second cleaning position, means for cleaning, such as cleaning nozzles (7), can also be opened, which clean parts of the plates (2) and/or the nozzles (14) that spray the binder (6). (1459)

IPC 8 full level  
**B27N 1/02** (2006.01)

CPC (source: EP)  
**B27N 1/029** (2013.01)

Citation (examination)  
DE 102010064339 A1 20120705 - DIEFFENBACHER GMBH MASCHINEN [DE]

Cited by  
CN113352424A

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)  
**DE 102013104653 A1 20141106**; CN 105209226 A 20151230; CN 105209226 B 20190423; EP 2994278 A1 20160316; EP 2994278 B1 20181212; WO 2014180868 A1 20141113

DOCDB simple family (application)  
**DE 102013104653 A 20130506**; CN 201480026033 A 20140506; EP 14726089 A 20140506; EP 2014059271 W 20140506