

Title (en)
A GLUING SYSTEM

Title (de)
KLEBESYSTEM

Title (fr)
SYSTÈME D'ENCOLLAGE

Publication
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Application
EP 20803001 A 20200703

Priority
• TR 201906761 A 20190507
• TR 2020050576 W 20200703

Abstract (en)
[origin: WO2020226601A2] The invention is related to a gluing system (1) which makes glue consumption more efficient by means of ensuring glue to be homogenously bonded to wooden fibers by separating glue into very small pieces and minimizes the problems encountered in work-flow by removing potential nozzle blockages and which has a gluing duct (1.2) located on the blowline (BL) which enables wooden fibers (L) originating from the refiner (R) to carry to the dryer (K), nozzles (1.1) located on the gluing duct (1.2), a steam chamber (1.11) where the glue (T) located between the nozzles (1.1) and the gluing duct (1.2), in which the nozzles (1.1) connect to the gluing duct (1.2), encounters with steam (B) before entering into the gluing duct (1.2) and is blown up, steam inlet ducts (1.111) located around the steam chamber (1.11) through which the steam (B) passes and enters into the steam chamber (1.11), glue inlet ducts (1.12) which are located on the nozzle (1.1) and through which the glue (T) enters into the nozzle (1.1), a piston (1.131) located inside the nozzle (1.1), which ensures adjusting of the opening area and opening and closing of the duct where the glue (T) passes from the nozzle (1.1) to the steam chamber (1.11), in which the nozzle (1.1) and the steam chamber (1.11) are interconnected, a piston control mechanism (1.13) which enables movement of the piston (1.131) located inside the nozzle (1.1), a catalyzer (1.3) located on the blowline (BL).

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Citation (search report)
• [IA] DE 102011103326 A1 20121129 - SIEMPELKAMP MASCH & ANLAGENBAU [DE]
• [IA] DE 102013104652 A1 20141106 - DIEFFENBACHER GMBH MASCHINEN [DE]
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• See also references of WO 2020226601A2

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