Title (en)

SPRAY SYSTEM FOR CLEANING WIRES

Title (de)

SPRÜHSYSTEM ZUM REINIGEN VON PAPIERSIEBEN

Title (fr)

SYSTEME DE PULVERISATION POUR LE NETTOYAGE DE CABLES

Publication

EP 1478807 A1 20041124 (EN)

Application

EP 03737252 A 20030207

Priority

- DK 0300080 W 20030207
- DK PA200200190 A 20020208

Abstract (en)

[origin: WO03066963A1] The present invention concerns a method for cleaning apparatus part on a binder/glue application apparatus (2) in connection with applying binder/glue (4) on shaped fibre products (6) and an apparatus (2) for application of binder/glue (4) on shaped fibre products (6), where the conveying speed is in the range between 100 m/min and 1000 m/min. By a method/machine according to the invention, selected apparatus parts are applied an aqueous solution of release agent (24) during operation and without reduction in capacity, where the where the release agent (24) solution is applied to the external side (32) of an endless wire, and where behind the application area (22) there is provided a suction slot (34) in which excess release agent solution (24) is collected and conducted further on, preferably to a pipe system (38), a ventilator (36) and a suction box (16). This release agent solution (24) settles on the threads of the wire so that fibres and excess glue do not adhere so well to the wire (12). The collected release agent solution is brought into a pipe system via a ventilator (36) into the suction box system (16) of the spray-wire. Hereby, pipe system (38), ventilator (36) and suction box (16) are internally coated with a release agent film. The atomised and air admixed release agent (52) are thereby acting as a release agent so that dirtying is prevented.

IPC 1-7

D21H 23/00; D21F 1/32; D21H 23/50

IPC 8 full level

D21F 1/32 (2006.01)

CPC (source: EP US)

D21F 1/32 (2013.01 - EP US)

Citation (search report)

See references of WO 03066963A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

WO 03066963 A1 20030814; AU 2003220775 A1 20030902; CA 2475614 A1 20030814; DK 174460 B1 20030331; EP 1478807 A1 20041124; US 2005139340 A1 20050630

DOCDB simple family (application)

DK 0300080 W 20030207; AU 2003220775 A 20030207; CA 2475614 A 20030207; DK PA200200190 A 20020208; EP 03737252 A 20030207; US 50407604 A 20040809