

Title (en)

DEVICE FOR REGULATING THE BLOWER AND SUCTION AIR FOR THE FEEDING DEVICE OF A PRINTING MACHINE

Publication

EP 0419877 A3 19911016 (DE)

Application

EP 90116618 A 19900830

Priority

DE 3931995 A 19890926

Abstract (en)

[origin: JPH03166137A] PURPOSE: To prevent the unfavorable capture of a sheet by forming a control device for paper-feeding blast air and paper-feeding suction air out of a position- adjustable valve body involving a main air opening and a residual air opening, and a valve housing involving an auxiliary opening for residual air. CONSTITUTION: When a sheet feeder 2 is shut down by an operator console 3 or the control panel 4 of a sheet delivery 1, a valve body 7 is turned, therefore, blast air used to previously-release a sheet pile 22 flows through the sheet feeder 2 via a residual air opening 14 and a bypass 15 in a valve housing 9. In a control device for paper-feeding suction air 6, a suction air supply duct 16 and a suction air exhaust duct 17 are connected to each other by the valve body 17 in the same way. When the paper-feeding suction air is sheet down by the operator console 3 or the control panel 4 of the sheet delivery 1, the valve body 7 is adjusted to achieve a balance between the atmosphere and pressure at the openings 12, 14, 19.

IPC 1-7

B65H 7/16; B41F 21/06

IPC 8 full level

B41F 21/06 (2006.01); **B65H 3/08** (2006.01); **B65H 3/48** (2006.01); **B65H 7/16** (2006.01)

CPC (source: EP US)

B65H 3/0891 (2013.01 - EP US); **B65H 3/48** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP); **B65H 2513/52** (2013.01 - EP); **Y10T 137/86751** (2015.04 - EP US)

Citation (search report)

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- [AD] DE 3447331 A1 19860626 - BAEUERLE GMBH MATHIAS [DE]

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FR2759993A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0419877 A2 19910403; **EP 0419877 A3 19911016**; **EP 0419877 B1 19931208**; AT E98198 T1 19931215; CA 2024293 A1 19910327; CA 2024293 C 19940906; CN 1020038 C 19930310; CN 1050526 A 19910410; DE 3931995 A1 19910404; DE 3931995 C2 19930715; DE 59003777 D1 19940120; JP H03166137 A 19910718; JP H0694318 B2 19941124; US 5058876 A 19911022

DOCDB simple family (application)

EP 90116618 A 19900830; AT 90116618 T 19900830; CA 2024293 A 19900830; CN 90107694 A 19900915; DE 3931995 A 19890926; DE 59003777 T 19900830; JP 25437490 A 19900926; US 58856390 A 19900926