

Title (en)

Device for regulating the blower and suction air for the feeding device of a printing machine.

Title (de)

Vorrichtung zur Luftsteuerung von Anlegerblas- und Anlegersaugluft bei Bogenanlegern von Druckmaschinen.

Title (fr)

Dispositif pour commander l'air soufflé et aspiré pour le margeur d'une machine d'imprimerie.

Publication

**EP 0419877 A2 19910403 (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.

Abstract (de)

Die Vorrichtung zur Luftsteuerung von Anlegerblas- und Anlegersaugluft bei Bogenanlegern von Druckmaschinen umfaßt zwei Drehventile, bestehend aus Ventilgehäuse (8, 9) und Ventilkörper (7). Die Steuereinrichtung (5) für Anlegerblasluft und die Steuereinrichtung (6) für Anlegersaugluft sind getrennt ferngesteuert betätigbar. Damit ist eine Fernbedienungsmöglichkeit von der Bedienerkonsole (3) und dem Steuerpult (4) an der Bogenauslage (1) sowie ein kontrollierter Bogeneinzug in die Druckmaschine gegeben.

IPC 1-7

**B41F 21/06; B65H 7/16**

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)

C-Set (source: EP)

1. **B65H 2513/10 + B65H 2220/01**
2. **B65H 2513/52 + B65H 2220/01**

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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

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