Title (en)

SUCTION CONTROL IN SHEET TRANSFER DRUMS FOR MULTICOLOUR ROTARY SHEET PRINTING MACHINES

Publication

EP 0452721 A3 19920212 (DE)

Application

EP 91104970 A 19910328

Priority

DE 4012497 A 19900419

Abstract (en)

[origin: EP0452721A2] The invention relates to a suction control in sheet transfer drums for multicolour rotary sheet printing machines, for turning the sheet according to the principle of rear edge turning in the transfer from one printing unit to another for the purpose of printing the rear side of the sheet. The suction units of the suction system are connected rigidly to a hollow suction unit swinging shaft, which is driven by a cam drive, and said shaft is rigidly connected to control levers. The control levers have two guide rollers which roll on an external control cam which is provided on guide rails. Articulated with one end on the control levers are two pressure springs which are directed from the bottom towards the axis of the hollow suction unit swinging shaft, arranged approximately at right angles to one another and are supported with their other end in the drum body of the sheet transfer drum. <IMAGE>

IPC 1-7

B41F 21/06

IPC 8 full level

B41F 21/06 (2006.01); **B41F 21/10** (2006.01)

CPC (source: EP US)

B41F 21/108 (2013.01 - EP US)

Citation (search report)

- [A] DE 3608470 A1 19870924 - HEIDELBERGER DRUCKMASCH AG [DE]
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Cited by

EP0649742A1; US5454312A; DE19744507A1; DE19744507C2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0452721 A2 19911023; **EP 0452721 A3 19920212**; **EP 0452721 B1 19940504**; AT E105237 T1 19940515; DE 4012497 A1 19911024; DE 4012497 C2 19930211; DE 59101540 D1 19940609; ES 2053228 T3 19940716; JP H04224948 A 19920814; JP H0751352 B2 19950605; US 5142983 A 19920901

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