

Title (en)
Air passage switching and/or air control device

Title (de)
Luftsteuer- und/oder Luftregelungseinrichtung

Title (fr)
Dispositif de distribution et/ou de régulation d'air

Publication
EP 1020388 A3 20010523 (DE)

Application
EP 00100389 A 20000108

Priority
DE 19901341 A 19990115

Abstract (en)
[origin: EP1398285A1] The air control for an air consuming printer has a compressed air source to produce an overpressure air flow to an ejector of smaller inlet and larger outlet size during a cycle of the printing machine. There is a timed switchable closure valve between the air pressure source and the ejector. The valve controls the radial connection (7) of the ejector (3) with the ambient air and the outlet (5) of the ejector to a compressed air consumer.

IPC 1-7
B65H 7/16; B65H 3/08

IPC 8 full level
B65H 3/08 (2006.01); **B65H 7/16** (2006.01)

CPC (source: EP)
B65H 3/0891 (2013.01); **B65H 7/16** (2013.01); **B65H 2406/416** (2013.01); **B65H 2511/10** (2013.01); **B65H 2511/40** (2013.01);
B65H 2513/10 (2013.01)

C-Set (source: EP)
1. **B65H 2511/10 + B65H 2220/01**
2. **B65H 2511/40 + B65H 2220/01**
3. **B65H 2513/10 + B65H 2220/01**

Citation (search report)
• [XY] EP 0872437 A2 19981021 - HEIDELBERGER DRUCKMASCH AG [DE]
• [X] EP 0872342 A2 19981021 - ROLAND MAN DRUCKMASCH [DE]
• [X] US 5244242 A 19930914 - GOEDECKE WOLF-DIETER [DE], et al
• [X] DE 4229834 A1 19930311 - SMC KK [JP]
• [Y] US 3998448 A 19761221 - GRAY ARCHIBALD C, et al
• [A] EP 0503623 A1 19920916 - KOENIG & BAUER AG [DE]

Cited by
DE112013002197B4; CN105705445A; CN109661364A; US9133796B2; DE102014116728A1; DE102014116730A1; WO2013160159A1;
WO2016139063A3; WO2015071446A1; WO2018029118A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1020388 A2 20000719; EP 1020388 A3 20010523; EP 1020388 B1 20040714; AT E271009 T1 20040715; AT E285374 T1 20050115;
DE 19901341 A1 20000727; DE 19901341 B4 20050721; DE 50007028 D1 20040819; DE 50009065 D1 20050127; EP 1398285 A1 20040317;
EP 1398285 B1 20041222

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EP 00100389 A 20000108; AT 00100389 T 20000108; AT 03027607 T 20000108; DE 19901341 A 19990115; DE 50007028 T 20000108;
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