Title (en)

Ink fountain with an automatic ink supply

Title (de)

Farbkasten mit automatischer Farbversorgung

Title (fr)

Bac à encre avec une amenée de l'encre automatique

Publication

EP 0965447 A3 20000405 (DE)

Application

EP 99111470 A 19990612

Priority

DE 19826818 A 19980616

Abstract (en)

[origin: EP0965447A2] The ink box has an ink distribution element with a lower part including ink dispensing elements for setting a gap w.r.t. a ductor roller (1), a port (11) and at least one ink distribution channel (12) forming an ink reservoir chamber with an end at a small distance from the ductor roller and the ink dispensing elements in combination with a lower side of the ink box. A pressure sensor (13) connected to a pressure switch (16) is associated with the port and/or at least one ink distribution channel and an ink delivery system (15) is arranged before the port via a dosing valve (14) connected to the pressure switch.

IPC 1-7 (main, further and additional classification)

B41F 31/02; B41F 31/08

IPC 8 full level (invention and additional information)

B41F 31/02 (2006.01)

CPC (invention and additional information)

B41F 31/022 (2013.01)

Citation (search report)

- [YD] DE 4339939 A1 19950608 - WAGNER ROBERT [DE]
- [Y] US 5170710 A 19921215 - HARPOLD CHARLES W [US], et al
- [Y] DE 2816881 A1 19781019 - HARRIS CORP
- [A] DE 19640775 A1 19980409 - ROLAND MAN DRUCKMASCH [DE]
- [A] WO 9814330 A1 19980409 - ACCEL GRAPHICS SYSTEMS INC [US], et al
- [AD] EP 0459755 A1 19911204 - BALDWIN TECHNOLOGY CORP [US]

Cited by

EP1145851A1; KR100731848B1; US6779448B2; WO0176875A1

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DOCDB simple family

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