Title (en)

Filter device for the dampening fluid circuit of an offset printing machine

Title (de)

Filtereinrichtung für den Feuchtmittelkreislauf einer Offset-Druckmaschine

Title (fr)

Dispositif de filtrage pour de circuit de liquide de mouillage d'une machine d'impression

Publication

**EP 1342574 A3 20040107 (DE)**

Application

**EP 03003515 A 20030215**

Priority

DE 20203521 U 20020305

Abstract (en)

[origin: EP1342574A2] The filtering system/device consists of a ring-band filtering system that has a filter band (28) that moves forward the saturation with dirt particles. The filter band may be transportable between the supply station (30) and the collection station (32). The filter band may be U-shaped with the lower peripheral region having a drum-like lining. The filter band may begin from below via a perforated support band (36) that may be in the form of an end-less band that may be transportable around rollers (38, 40, 42, 44) from the height of the lower, middle as well as upper region of the drum-like arrangement. The support band may be moved forward around two of the lower and two of the upper rollers.

IPC 1-7

**B41F 33/00**; B41F 7/24

IPC 8 full level

**B41F 33/00** (2006.01)

CPC (source: EP)

**B41F 33/0054** (2013.01); B41P 2235/31 (2013.01)

Citation (search report)

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- [A] US 5622620 A 19970422 - MEENAN SEAN G [US], et al
- [A] FRITZ A ET AL: "FEUCHTMITTELRESTE AUS DEM OFFSETDRUCK - ABWASSER, ABFALL ODER WERTSTOFF?", DEUTSCHER DRUCKER, DEUTSCHER DRUCKER VERLAGSGESELLSCHAFT, OSTFILDERN, DE, vol. 30, no. 1/2, 13 January 1994 (1994-01-13), pages W14,19,22, XP000423292, ISSN: 0012-1096

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EP3059086B1

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DOCDB simple family (publication)

**DE 20203521 U1 20020529**; AT 483585 T 20101015; DE 50313145 D1 20101118; EP 1342574 A2 20030910; EP 1342574 A3 20040107; EP 1342574 B1 20101006

DOCDB simple family (application)

**DE 20203521 U 20020305**; AT 03003515 T 20030215; DE 50313145 T 20030215; EP 03003515 A 20030215