

Title (en)
Sheet guiding device

Title (de)
Bogenleiteinrichtung

Title (fr)
Dispositif de guidage de feuilles

Publication
EP 1354703 A3 20041027 (DE)

Application
EP 03006277 A 20030321

Priority
DE 10217708 A 20020420

Abstract (en)
[origin: EP1354703A2] Sheet-guiding device used in a sheet delivery device and/or under sheet-guiding cylinders of printing machines comprises a container (13) containing a liquid separating agent (10). The container has on the side facing the sheet (6) a sheet-guiding surface (11) provided with openings (12) through which the separating agent is transported from the container onto the sheet-guiding surface. Preferred Features: The sheet-guiding surface has a hydrophilic surface consisting of a nanosol layer containing inorganic nanocrystalline particles modified with additives. The nanocrystalline particles are silicon oxide, titanium oxide, aluminum oxide, or mixtures of the above.

IPC 1-7
B41F 21/00; B41F 22/00; B65H 29/52

IPC 8 full level
B41F 22/00 (2006.01)

CPC (source: EP)
B41F 22/00 (2013.01)

Citation (search report)

- [A] EP 0544126 A2 19930602 - WINDMOELLER & HOELSCHER [DE]
- [A] US 4688784 A 19870825 - WIRZ ARNO [DE]
- [AD] DE 4341566 A1 19950608 - HEIDELBERGER DRUCKMASCH AG [DE]
- [AD] DE 2127021 A1 19720127

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
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