

Title (en)
Ink cartridge.

Title (de)
Farbpatrone.

Title (fr)
Cartouche d'encre.

Publication
EP 0273533 A1 19880706 (EN)

Application
EP 87202616 A 19871223

Priority
NL 8603307 A 19861224

Abstract (en)
A device for wetting an applying member with a liquid, in particular an ink or a similar colorant, comprises a mainly closed container (5, 12) for the liquid (6, 13) having at least one outwardly directed wall (7, 14) formed by a layer of felt (10, 17) or similar liquid absorbing material which is in contact with the liquid (6, 13) in the interior space of the container. The interior space of the container (5, 12) at the side of the felt layer (10, 17) is restricted by a separation wall (7, 14) , at the lower side of which at least one opening (8, 15) is provided for connecting said space with a trough-shaped enclosed part (9, 16) open at its upper side and having an upright front wall at a distance from the separation wall (7, 14). An upper edge of said front wall extends to at least the height of the highest point of said opening. The felt layer (10, 17) is substantially contiguous with said separation wall (7, 14) and the lower edge area of the felt layer (10, 17) projects into the trough-shaped part and means are provided for holding the felt layer at the remaining edge areas. The interior space of the container contains the liquid in free flowing form only.

IPC 1-7
B41K 3/56; **B41F 31/24**; **B05C 1/02**

IPC 8 full level
B05C 1/02 (2006.01); **B41F 31/24** (2006.01); **B41K 3/56** (2006.01)

CPC (source: EP)
B05C 1/025 (2013.01); **B41F 31/24** (2013.01); **B41K 3/56** (2013.01)

Citation (search report)

- [X] WO 8400516 A1 19840216 - NICHOL INTERNATIONAL PTY LTD [AU]
- [Y] US 1456447 A 19230522 - EDWARD JENNER CHARLES
- [A] US 3168865 A 19650209 - ROBERT KELLY
- [A] US 4145967 A 19790327 - MAROZZI ALFRED A
- [A] FR 1002543 A 19520307
- [A] US 3797390 A 19740319 - MAROZZI A, et al

Cited by
EP0376476A3

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
EP 0273533 A1 19880706; NL 8603307 A 19880718

DOCDB simple family (application)
EP 87202616 A 19871223; NL 8603307 A 19861224