

Title (en)
INK DUCT FOR A PRINTING MACHINE

Publication
EP 0435817 A3 19911023 (DE)

Application
EP 90810815 A 19901024

Priority
CH 447189 A 19891212

Abstract (en)
[origin: EP0435817A2] The ink duct has an open frame (3), in which an ink roller (1) is rotatably mounted and a doctor blade carrier (2) is retained. The doctor blade carrier is arranged such that its gap-forming edge lies above the centre line of the axis of rotation of the roller. The roller and the doctor blade thus together form an ink trough. This arrangement results in the roller and doctor blade carrier flexing in the same direction during operation. With corresponding dimensioning and mounting of the roller and the doctor blade carrier, a uniform ink layer can be applied to the roller regardless of the viscosity of the ink and regardless of the circumferential speed of the ink roller. <IMAGE>

IPC 1-7
B41F 31/04

IPC 8 full level
B41F 9/08 (2006.01); **B41F 31/04** (2006.01); **B41F 31/30** (2006.01)

CPC (source: EP)
B41F 31/04 (2013.01)

Citation (search report)

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- [A] US 1983115 A 19341204 - WOLF OTTO R
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- [A] PATENT ABSTRACTS OF JAPAN vol. 11, no. 238 (M-613)(2685) 5. August 1987 & JP-A-62 51 453 (TORAY IND INC) 6. März 1987

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Designated contracting state (EPC)
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