

Title (en)
Short-inking device for a rotary offset printing press.

Title (de)
Kurzfarbwerk für Offsetrotationsdruckmaschinen.

Title (fr)
Dispositif d'encrage court pour rotative-offset.

Publication
EP 0224033 B1 19950111 (DE)

Application
EP 86114658 A 19861022

Priority
DE 3541458 A 19851123

Abstract (en)
[origin: US4753165A] A short inking unit for an offset rotary printing machine utilizes a heated ink transport cylinder having a particular surface with varying degrees of hydrophilicity, and an array of air blowing nozzles which cooperate to reduce or virtually eliminate contamination of the offset printing ink supply source with dampening fluid. Printing quality is improved since ink viscosity does not change and dampening fluid useage is kept at a minimum.

IPC 1-7
B41F 31/02; **B41F 31/26**; **B41F 31/00**; **B41F 13/22**

IPC 8 full level
B41F 7/24 (2006.01); **B41F 13/22** (2006.01); **B41F 31/00** (2006.01); **B41F 31/02** (2006.01); **B41F 31/08** (2006.01); **B41F 31/26** (2006.01); **B41M 1/06** (2006.01)

CPC (source: EP US)
B41F 31/002 (2013.01 - EP US); **B41F 31/26** (2013.01 - EP US); **B41M 1/06** (2013.01 - EP US)

Citation (examination)
• EP 0177666 A2 19860416 - ROCKWELL INTERNATIONAL CORP [US]
• JP S59204558 A 19841119 - TOKYO KIKAI SEISAKUSHO LTD
• US 4637310 A 19870120 - SATO MASAYONSHI [JP], et al
• US 4537127 A 19850827 - FADNER THOMAS A [US], et al

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DE102006056315B4; EP0722832A3; DE102006056315A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0224033 A2 19870603; **EP 0224033 A3 19890510**; **EP 0224033 B1 19950111**; AT E116904 T1 19950115; DD 250689 A5 19871021; DE 3541458 A1 19870527; DE 3541458 C2 19891130; DE 3650203 D1 19950223; JP S62130853 A 19870613; JP S62176845 A 19870803; SU 1510713 A3 19890923; US 4753165 A 19880628

DOCDB simple family (application)
EP 86114658 A 19861022; AT 86114658 T 19861022; DD 29621086 A 19861112; DE 3541458 A 19851123; DE 3650203 T 19861022; JP 27550486 A 19861120; JP 27550586 A 19861120; SU 4028536 A 19861121; US 93206086 A 19861118