

Title (en)
AIR CUSHION ROLLER FOR SHEET PRINTING MACHINES

Publication
EP 0354415 A3 19900613 (DE)

Application
EP 89113858 A 19890727

Priority
DE 3827071 A 19880810

Abstract (en)
[origin: EP0354415A2] In the air cushion roller (1), air streams fed through a hollow space (12) in the interior of the roller emerge from openings in the roller jacket (8), by means of which air streams the sheets are pressed away from the roller jacket (8). For reducing the air stream noise, a noise-absorbing layer (18) is provided in the hollow space (12) with radial channels (19), which forms in the hollow space (12) an air-permeable partition wall equidistant from the roller jacket (8).

IPC 1-7
B65H 23/24

IPC 8 full level
B41F 21/00 (2006.01); **B65H 5/22** (2006.01); **B65H 23/24** (2006.01); **B65H 29/24** (2006.01)

CPC (source: EP US)
B41F 21/00 (2013.01 - EP US); **B65H 5/228** (2013.01 - EP US); **B65H 29/243** (2013.01 - EP US)

Citation (search report)

- [A] EP 0032875 A2 19810729 - BELOIT CORP [US]
- [A] EP 0001323 A1 19790404 - IBM [US]
- [AD] DE 1561043 B1 19700305 - ROLAND OFFSETMASCHF [DE]

Cited by
EP3612452B1

Designated contracting state (EPC)
AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0354415 A2 19900214; **EP 0354415 A3 19900613**; **EP 0354415 B1 19921119**; AT E82556 T1 19921215; DE 3827071 A1 19900215; DE 3827071 C2 19910502; DE 58902751 D1 19921224; ES 2035998 T3 19930501; JP H0288240 A 19900328; US 5007342 A 19910416

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