

Title (en)
LABEL OVERPRINTERS

Publication
EP 0096494 A3 19840509 (EN)

Application
EP 83302924 A 19830523

Priority
GB 8215331 A 19820526

Abstract (en)
[origin: EP0164003A1] A rewind device includes resilient fingers (84) supported around a shaft (80) and a frusto-conical member (92) operative axially to expand the fingers (84) to engage the internal periphery of a reel.

IPC 1-7
B65H 19/28; **B41J 15/16**; **B65H 23/16**

IPC 8 full level
B41J 15/16 (2006.01); **B41K 3/48** (2006.01); **B65H 18/04** (2006.01); **B65H 20/04** (2006.01); **B65H 54/54** (2006.01); **B65H 75/24** (2006.01)

CPC (source: EP US)
B65H 18/04 (2013.01 - EP); **B65H 20/04** (2013.01 - EP); **B65H 54/54** (2013.01 - EP); **B65H 75/2484** (2021.05 - EP US)

Citation (search report)
• [A] DE 2704974 A1 19780810 - WUERSCH APPARATEBAU & MASCHINE
• [A] CH 442959 A 19670831 - BUETTNER FRANZ [CH]
• [AD] FR 2234771 A5 19750117 - LEVY LOUIS [FR]
• [A] DE 2718263 A1 19781026 - WINDMOELLER & HOELSCHER

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EP0328054A1; US7494088B2; CN109250574A; EP0376601A3; EP0387114A1; FR2644185A1; US6830211B2; CN104944194A; EP1077192A3; CN110054001A; DE4123868A1; US5267704A; CN105829222A; US9162500B2; WO03040012A1

Designated contracting state (EPC)
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EP 0164003 A1 19851211; EP 0096494 A2 19831221; EP 0096494 A3 19840509; JP S58215391 A 19831214; ZA 833818 B 19850130

DOCDB simple family (application)
EP 85106091 A 19830523; EP 83302924 A 19830523; JP 9013483 A 19830524; ZA 833818 A 19830526