

Title (en)

Improved doctor/containment blade for a printing press

Title (de)

Verbessertes Rakel-/Rückhaltemesser für eine Druckerpresse

Title (fr)

Lame améliorée d'encrier/confinement pour presse d'impression

Publication

**EP 2360017 A2 20110824 (EN)**

Application

**EP 11154837 A 20110217**

Priority

US 71076310 A 20100223

Abstract (en)

A reinforced blade for use with a chamber blade assembly adjacent a portion of a roll and end seals for sealing ends of the chamber blade assembly, includes an elongated thin plate having opposite ends which lie against the end seals, and a roll contact portion extending in the lengthwise direction for contact with the roll, a clamping portion opposite the roll contact portion which is adapted to be clamped, and an unclamped portion between the roll contact portion and the clamping portion; and a wear element which increases the stiffness and/or wear of the thin plate, the wear element mounted to a surface of the thin plate at least at a position corresponding to the end seals, such that the thickness of the reinforced blade is greater at the opposite ends thereof which lie against the seals than at positions thereof between the end seals.

IPC 8 full level

**B41F 31/02** (2006.01); **B41F 9/10** (2006.01)

CPC (source: EP)

**B41F 31/027** (2013.01)

Citation (applicant)

- US 6739248 B2 20040525 - KOLBE WILFRIED [DE], et al
- US 6672207 B2 20040106 - KOLBE WILFRIED [DE], et al
- US 6598525 B2 20030729 - METROPE JACQUES [FR]
- US 5983797 A 19991116 - SECOR HOWARD C [US]
- US 5735210 A 19980407 - ROGGE GUENTER [DE], et al
- US 5662042 A 19970902 - COMPTON CRAIG T [US], et al
- US 5150651 A 19920929 - FLORES CARLOS R [US]
- US 5638751 A 19970617 - DAETWYLER PETER [US], et al
- US 6546861 B2 20030415 - MANSER JOHN W [US]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2360017 A2 20110824; EP 2360017 A3 20120718**

DOCDB simple family (application)

**EP 11154837 A 20110217**