

Title (en)

Device for winding or unwinding of webs, especially fibrous webs

Title (de)

Vorrichtung zum Auf bzw. Abwickeln von bahnförmigem Gut, insbesondere von Faserstoffbahnen

Title (fr)

Dispositif pour enrouler ou dérouler des bandes, en particulier des bandes de matériaux fibreux

Publication

EP 0728691 B1 20030924 (DE)

Application

EP 96101102 A 19960126

Priority

DE 19505870 A 19950221

Abstract (en)

[origin: US5785273A] Apparatus for winding or unwinding of a web includes a support device having at least two king rolls and which may include a supporting belt. A winding roll of a web to be wound or unwound by the apparatus is supported by the king rolls such that a press gap is formed with at least one of the king rolls. At least one of the king rolls has a support body and a shell made from a soft, elastic material, the shell having a plurality of cavities, the cavities opening in a direction opposite a peripheral surface of the support body. In one embodiment the supporting belt includes cavities which may be filled with compressible material. In another embodiment the supporting belt includes a cover layer and a base layer with the base layer being softer than the cover layer.

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IPC 8 full level

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CPC (source: EP US)

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Citation (examination)

EP 0683125 A2 19951122 - BELOIT TECHNOLOGIES INC [US]

Cited by

EP0997414A1; US6332589B1; WO2005118446A1

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US 5785273 A 19980728; AT E250546 T1 20031015; BR 9600594 A 19971230; CA 2169990 A1 19960822; CA 2169990 C 20031216; DE 59610725 D1 20031030; EP 0728691 A1 19960828; EP 0728691 B1 20030924; ES 2204972 T3 20040501; FI 117198 B 20060731; FI 960770 A0 19960220; FI 960770 A 19960822; JP H08324857 A 19961210

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