

Title (en)

DEVICE FOR JOINING THE TERMINAL END OF A WEB WOUND ONTO A ROLL TO THE LEAD END OF THE WEB OF A NEW ROLL

Publication

**EP 0114200 A3 19860205 (DE)**

Application

**EP 83110530 A 19831021**

Priority

DE 3302309 A 19830125

Abstract (en)

[origin: US4540459A] A device, especially for cigarette-packaging machines, for joining the payed-out end of a strip, which had been wound into a reel, with the beginning of the strip of another reel. The device includes a buffer or storage device in which a certain length of the strip, which is conveyed over guide rollers, is stored, and out of which that amount of strip which is required for continuous operation is withdrawn during the joining process. The device is also provided with a separating and binding device. In order to provide for replacement of reels in a disturbance-free and semi- or fully-automatic manner at little structural expense, each reel is disposed in a cartridge on the wide sides of which the reel is mounted by means of a spindle which passes through the reel core and extends laterally out of the cartridge. The cartridge is provided with a support surface for the strip beginning of the reel, which is secured against rotation during transport of the cartridge; the strip beginning is held firmly in place on the cartridge. Specific embodiments of the cartridge and of the associated separating and binding device are also provided.

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**B65H 19/10**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [X] GB 2073717 A 19811021 - MOLINS LTD
- [A] DE 2218502 A1 19731108 - BUERKLE & CO ROBERT
- [A] FR 2078600 A5 19711105 - BUTLER AUTOMATIC INC
- [A] DE 2145987 A1 19730322 - SUCKER GEB

Cited by

FR2750968A1; EP0733568A1; FR2731997A1; US5709354A; WO9802372A1

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