

Title (en)

APPARATUS FOR CUTTING LENGTHS OF A WEB BY USING MARKS PRINTED ON THE WEB

Publication

EP 0224731 A3 19890712 (DE)

Application

EP 86115218 A 19861103

Priority

DE 3542923 A 19851204

Abstract (en)

[origin: US4781090A] Apparatus for severing sections from a web by transverse severing cuts at locations related to printed marks on the web. The apparatus includes a rotary cutter and pair of feed rollers, a differential transmission by which the feed rollers are operatively connected to a common drive motor for driving the rotary cutter and the feed rolls. A servomotor is provided for imparting a correcting rotation to the transmission. A mark detector for detecting the printed marks, a sensor for detecting the position of the rotary cutter, and a controller for controlling the servomotor in dependence on the deviation of the spacing of the printed marks from the predetermined web section length are also provided. The servomotor is a stepping motor which receives stepping pulses in a number which represents the difference between the theoretical length of each web section and the actual distance between the printed marks.

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B26D 5/32

IPC 8 full level

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CPC (source: EP US)

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Designated contracting state (EPC)

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