

Title (en)
DEVICE FOR CUTTING CONTINUOUS STRIPS OF PAPER

Title (de)
VORRICHTUNG ZUM SCHNEIDEN VON PAPIERBAHNEN

Title (fr)
DISPOSITIF DE DECOUPE DE FEUILLES DE PAPIER CONTINUES

Publication
EP 0796216 A1 19970924 (DE)

Application
EP 96926358 A 19960717

Priority
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• EP 9603152 W 19960717

Abstract (en)
[origin: DE19654984C2] The strip (108) is advanced by a feeder (102) to a cutter (104) via a delay device (106) ensuring the correct position for cutting. The delay device is preceded by a buffer (120) where a loop is accumulated during the delay. The paper is lifted uniformly by air from nozzles (126a,126b) in the floor (122) towards upper entry and exit guides (124a,124b). A cover (124c) over the guides encloses an air space in which oscillations of the strip in the course of loop formation at high speeds (e.g. above 80 cm/s) are effectively damped. This enables the precision of cutting to be maintained within the prescribed tolerances.

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IPC 8 full level
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