

Title (en)

DEVICE FOR CUTTING OFF BAND-LIKE PAPER MEMBER AND CONTROLLER OF THE DEVICE

Title (de)

VORRICHTUNG ZUM ABSCHNEIDEN EINES STREIFENFÖRMIGEN PAPIERGLIEDS UND STEUERUNG DER VORRICHTUNG

Title (fr)

DISPOSITIF DE COUPE D'ELEMENTS DE PAPIER EN BANDE ET COMMANDE DU DISPOSITIF

Publication

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Application

**EP 05736741 A 20050428**

Priority

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Abstract (en)

Torque necessary for cutting band-like paper is properly distributed to both of the preceding motor and the following motor, thereby making it possible to accurately cut the band-like paper. The cut off method for a cut off apparatus including: a preceding knife cylinder 2 on whose peripheral surface a preceding helical knife 4 is provided; a following knife cylinder 3 on whose peripheral surface a following helical knife 5, which cuts off band-like paper D in cooperation with the preceding knife 4, is provided; a preceding knife driving motor 12 which rotationally drives the preceding knife cylinder 2; a following knife driving motor 13 which rotationally drives the following knife cylinder 3; and a cut off control device 20 which individually controls the preceding knife driving motor 12 and the following knife driving motor 13, is characterized in that the method comprises : giving, when the band-like paper D is cut, the preceding knife 4 and the following knife 5 a specified amount of torque in the direction in which the preceding knife 4 and the following knife 5 are pressed against each other, by means of the preceding knife driving motor 12 and the following knife driving motor 13.

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