

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

EP 1787772 B1 20130724 (EN)

Application

EP 05736741 A 20050428

Priority

- JP 2005008184 W 20050428
- JP 2004260928 A 20040908

Abstract (en)

[origin: EP1787772A1] 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.

IPC 8 full level

B26D 1/62 (2006.01); **B26D 5/20** (2006.01)

CPC (source: EP)

B26D 1/626 (2013.01); **B26D 5/20** (2013.01)

Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 1787772 A1 20070523; **EP 1787772 A4 20110824**; **EP 1787772 B1 20130724**; JP 4264450 B2 20090520; JP WO2006027870 A1 20080508; WO 2006027870 A1 20060316

DOCDB simple family (application)

EP 05736741 A 20050428; JP 2005008184 W 20050428; JP 2006535030 A 20050428