

Title (en)

DEVICE FOR FEEDING PAPER SHEETS TO THE PLATEN OF AN OFFICE MACHINE, PARTICULARLY OF A MATRIX PRINTER

Publication

EP 0332794 B1 19920415 (DE)

Application

EP 88730024 A 19880204

Priority

DE 3707886 A 19870312

Abstract (en)

[origin: US5080515A] A device for feeding of individual sheets to a plate (4) of an office machine, in particular of a matrix printer (1), is provided with several storage bins (5, 6). In each case a separating roller (7, 8) is coordinated to the storage bins (5, 6) and the separating roller (7, 8) is connected to a drive motor (9) via a gear train. In order to create a reliably operating storage bin selection, which can be employed for larger distances and for larger-volume storage bins, it is disclosed that the drive motor (9) can be left-hand or right-hand rotatably controlled, that the drive motor pinion (10) engages a first gear wheel (11), that an eccentrically supported cam (12) is carried by the first gear wheel (11), that the cam (12) engages into a switching rocker (13), and that at least a second gear wheel (15) is rotatably supported at the switching rocker (13) supported around a horizontal axle (14), where the second gear wheel (15) is tilted, depending on the rotary direction of the drive motor (9), into engagement with the respective gear wheel (16, 17) of one of the separating rollers (7, 8).

IPC 1-7

B41J 13/00; B65H 3/44

IPC 8 full level

B41J 13/00 (2006.01); **B41J 13/02** (2006.01); **B41J 13/10** (2006.01); **B65H 3/44** (2006.01); **B65H 5/06** (2006.01)

CPC (source: EP US)

B41J 13/103 (2013.01 - EP US)

Cited by

EP0434956B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)

US 5080515 A 19920114; AT E74827 T1 19920515; DE 3707886 A1 19880922; DE 3707886 C2 19900510; DE 3870217 D1 19920521; EP 0332794 A1 19890920; EP 0332794 B1 19920415; JP S63242666 A 19881007

DOCDB simple family (application)

US 51085090 A 19900418; AT 88730024 T 19880204; DE 3707886 A 19870312; DE 3870217 T 19880204; EP 88730024 A 19880204; JP 5815588 A 19880311