

Title (en)
PAPER FEEDING DEVICE FOR AN OFFICE MACHINE, IN PARTICULAR A MATRIX PRINTER

Publication
EP 0280643 B1 19920102 (DE)

Application
EP 88730030 A 19880208

Priority
DE 3705856 A 19870224

Abstract (en)
[origin: EP0280643A2] The device presupposes side plates (1,2) in which a platen roll (7) is mounted and, additionally, a friction drive (a pair of rolls) for single sheets (9) or continuous webs (10) not containing edge perforations which are to be transported and a pair of sprocket feed wheels (13) which operate in a push or pull mode. <??>In order to create a universal paper transport device for different types of paper, in which the respective paper type is ready for use, it is proposed that the pair of sprocket feed wheels (14a, 14b) is capable of being driven by a gear wheel (21) which is rotationally fixed to the sprocket wheel shaft (17) and which may be connected to and disconnected from the paper drive motor (22) by a friction coupling, and that by means of a lever mechanism (31) the pair of sprocket feed wheels (14a, 14b) can be swivelled with respect to the paper guidance plane in a direction (33) approximately tangential to the upper side of the circumference (36) or to the lower side of the circumference (34) of the platen roll. <IMAGE>

IPC 1-7
B41J 11/30; B41J 11/48

IPC 8 full level
B41J 13/00 (2006.01); **B41J 11/30** (2006.01); **B41J 11/48** (2006.01); **B65H 20/20** (2006.01)

CPC (source: EP US)
B41J 11/30 (2013.01 - EP US); **B41J 11/48** (2013.01 - EP US)

Cited by
EP0450740A1; EP0385550A3

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0280643 A2 19880831; EP 0280643 A3 19890426; EP 0280643 B1 19920102; AT E71026 T1 19920115; DE 3705856 A1 19880901; DE 3705856 C2 19890713; DE 3867254 D1 19920213; JP S63252769 A 19881019; US 4896979 A 19900130

DOCDB simple family (application)
EP 88730030 A 19880208; AT 88730030 T 19880208; DE 3705856 A 19870224; DE 3867254 T 19880208; JP 4056088 A 19880223; US 15971088 A 19880224