

Title (en)  
SINGLE SHEET SUPPLY IN OFFICE MACHINES, IN PARTICULAR MATRIX PRINTERS

Publication  
**EP 0376418 A3 19910206 (DE)**

Application  
**EP 89250107 A 19891205**

Priority  
DE 3844325 A 19881227

Abstract (en)  
[origin: EP0376418A2] In a device for single-sheet (1) supply in office machines (2), the single sheets (1) form a stack (3) of sheets, on which stationary, rotary-driven draw-off rollers (4) rest, in which case one single sheet (1) can be drawn off via separating corners (5) of a paper pick-up frame (6) and the stack (3) of sheets lies on a sprung swivel plate between lateral paper guide frames (7a, 7b). The optional use of the fixed paper pick-up frame (6) or an additional paper cassette (12) is proposed, the separating corners (5, 30), present on paper pick-up frames (6) and the additional paper cassette (12), assuming the same spacing in relation to the circumference of draw-off rollers (4). <IMAGE>

IPC 1-7  
**B41J 13/00**

IPC 8 full level  
**B41J 13/00** (2006.01); **B41J 13/10** (2006.01); **B65H 1/04** (2006.01); **B65H 1/12** (2006.01); **B65H 3/56** (2006.01)

CPC (source: EP US)  
**B41J 13/103** (2013.01 - EP US)

Citation (search report)

- [A] EP 0222600 A2 19870520 - BROTHER IND LTD [JP]
- [A] US 4540297 A 19850910 - IMAIZUMI MAMORU [JP], et al
- [A] GB 2102390 A 19830202 - MITA INDUSTRIAL CO LTD [JP]
- PATENT ABSTRACTS OF JAPAN vol. 9, no. 213 (M-408)(1936) 30 August 1985, & JP-A-60 71429 (WAKABAYASHI) 23 April 1985,
- PATENT ABSTRACTS OF JAPAN vol. 9, no. 191 (M-402)(1914) 7 August 1985, & JP-A-60 56744 (ITOU) 2 April 1985,
- PATENT ABSTRACTS OF JAPAN vol. 9, no. 256 (M-421)(1979) 15 October 1985, & JP-A-60 106749 (SHIRA) 12 June 1985,

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

DOCDB simple family (publication)  
**EP 0376418 A2 19900704; EP 0376418 A3 19910206; EP 0376418 B1 19930623**; AT E90914 T1 19930715; DE 3844325 A1 19900628; DE 58904795 D1 19930729; JP H02249824 A 19901005; US 5054759 A 19911008

DOCDB simple family (application)  
**EP 89250107 A 19891205**; AT 89250107 T 19891205; DE 3844325 A 19881227; DE 58904795 T 19891205; JP 33460089 A 19891222; US 45728289 A 19891227