

Title (en)
Office machine, in particular a printer.

Title (de)
Büromaschine, z. B. Drucker.

Title (fr)
Machine de bureau, en particulier imprimante.

Publication
EP 0332265 A2 19890913 (DE)

Application
EP 89200537 A 19890306

Priority
DE 3807809 A 19880310

Abstract (en)
[origin: JPH01275083A] PURPOSE: To enable the release of a pressure roller of a pair of rollers that become unnecessary from a corresponding driving roller in a simple method when a tractor wheel is switched from a pressure mode to a pulling mode by constructing the tractor wheel so as to freely rotate from a pressure position to a pulling position and having two stops. CONSTITUTION: In an office machine, a tractor wheel 12 rotates in a direction 27 to be located at a pulling position. At this position, endless paper 28 fed in from its front portion is pulled by the tractor wheel 12 and separated from a printer at its rear portion. While the tractor wheel 12 is rotating in the direction 27, a stop portion 29 oscillates a surface 34, a rod 31 moves in a direction 31b and a one-arm lever 35 mounted on a housing with a rod 36 rotates, whereby a leaf spring 37 is raised and a pressure roller 19b is released. In addition, when the tractor wheel 12 moves in the direction 27 and a driving portion 14 swings downward, a paper guiding device 21 provided rotatably on the driving portion 14 is raised by a stop portion 38 together with a pressure roller 20b fixed thereto, and the pressure roller 20b is released from a driving roller 20a.

Abstract (de)
Bei einer Büromaschine, z. B. einem Drucker, mit einem Druckwerk, mit einem Einzelpapiertransport über Rollenpaare (19, 20) und mit einem Endlospapiertransport über einen Traktor (12) erfolgt eine für den Zugbetrieb des Traktors (12) erforderliche Lösung der Andrückrollen über zwei am Traktor (12) angebrachte Anschläge (21, 38), wobei die Andrückrollen eines ersten Rollenpaares beim Hochschwenken des Traktors (12) in die Zugstellung über den ersten Anschlag und die Andrückrollen eines zweiten Rollenpaares in der Zugstellung des Traktors beim Einschwenken eines Gehäuseschwenkteiles (14) gelöst werden, an dem die Andrückrollen des zweiten Rollenpaares federnd angeordnet sind.

IPC 1-7
B41J 11/30; B41J 11/48; B65H 20/20

IPC 8 full level
B41J 15/00 (2006.01); **B41J 11/30** (2006.01); **B41J 11/48** (2006.01); **B41J 15/04** (2006.01); **B65H 20/20** (2006.01)

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

Cited by
EP0752320A1

Designated contracting state (EPC)
DE FR GB IT SE

DOCDB simple family (publication)
EP 0332265 A2 19890913; EP 0332265 A3 19900502; EP 0332265 B1 19930317; DE 3807809 A1 19890921; DE 58903764 D1 19930422; JP H01275083 A 19891102; US 4995746 A 19910226

DOCDB simple family (application)
EP 89200537 A 19890306; DE 3807809 A 19880310; DE 58903764 T 19890306; JP 5394789 A 19890308; US 31737889 A 19890301