

Title (en)

Device for feeding objects to an object carrier, especially for a printing machine, and printing machine equipped with such a device

Title (de)

Vorrichtungen zum Zuführen von Gegenständen zu einem Objektträger, insbesondere für eine Druckmaschine, und Druckmaschine mit einer solchen Vorrichtung

Title (fr)

Dispositif d'alimentation pour alimenter en objets des porte-objets, en particulier pour machine à imprimer, et machine à imprimer équipée d'un tel dispositif

Publication

EP 1132205 B1 20060524 (FR)

Application

EP 01400570 A 20010305

Priority

FR 0003030 A 20000309

Abstract (en)

[origin: EP1132205A1] The tube feed mechanism has a to and fro moving finger (11) designed to push directly each tube (10) towards a support. The finger (11) is fitted on a carriage (12) which slides along a chassis (13) with a to and fro movement. The finger is fixed to the chassis so that it occupies two positions, an operational position pushing the tubes and a retarded position in which it avoids contact with a tube. The finger is also acted on by a spring (14) which pushes the finger to its retracted position. A lock (15) temporarily maintains the finger in the operational position against the action of the spring. The finger is fixed to a shaft (16) which rotates on the carriage, the spring is wound around the shaft. The lock is a draw which slides along a direction orthogonal to the rotational axis of the finger. In the position of the drawer in which the shaft is locked with respect to the carriage, the drawers external surface cooperates with a flat part of the shaft. The draw has a throat, which, in its shaft unlocking position is to the right of the shaft's flat part. The finger is displaced during its movement between two stops carried on the chassis.

IPC 8 full level

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CPC (source: EP US)

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DE ES GB IT

DOCDB simple family (publication)

EP 1132205 A1 20010912; **EP 1132205 B1 20060524**; BR 0101008 A 20011106; DE 60119807 D1 20060629; DE 60119807 T2 20061109; ES 2267690 T3 20070316; FR 2806066 A1 20010914; FR 2806066 B1 20020503; US 2001020568 A1 20010913; US 6568895 B2 20030527

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EP 01400570 A 20010305; BR 0101008 A 20010309; DE 60119807 T 20010305; ES 01400570 T 20010305; FR 0003030 A 20000309; US 80074701 A 20010308