

Title (en)

Device for protecting a printing module in a mail processing apparatus

Title (de)

Anordnung zum Schutz eines Druckmoduls in einem Postverarbeitungsgerät

Title (fr)

Dispositif pour protéger un module d'impression dans un appareil de traitement de courrier

Publication

EP 1320076 B1 20050511 (DE)

Application

EP 02026747 A 20021202

Priority

DE 10164527 A 20011215

Abstract (en)

[origin: US2003112315A1] A configuration protects a printing module in a mail processing appliance. The mail processing appliance has a supporting frame for the printing mechanism in a non-secure area and has a transverse movement device for transverse movement of a printing module. The printing module is disposed in the supporting frame such that it can move transversely with respect to a direction of mail item transport and is mechanically protected against unauthorized access. A protection cap is attached to the printing carriage and is constructed to surround an area of the variable position printing module that is to be protected. The movement area of the printing module is bounded by the walls of a box within the supporting frame. Impedance devices are provided to impede the transverse movement of the transverse movement device of the printing module once a cover has been opened or removed. The cover covers an opening in the housing, with the opening being provided for replacement of at least one ink cartridge. A mail processing appliance including the configuration is also included.

IPC 1-7

G07B 17/00

IPC 8 full level

B41J 2/175 (2006.01); **B41J 29/02** (2006.01); **B41J 29/54** (2006.01); **G07B 17/00** (2006.01)

CPC (source: EP US)

B41J 2/1752 (2013.01 - EP US); **B41J 29/02** (2013.01 - EP US); **B41J 29/54** (2013.01 - EP US); **G07B 17/00193** (2013.01 - EP US); **G07B 2017/00233** (2013.01 - EP US); **G07B 2017/00532** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

US 2003112315 A1 20030619; **US 6789892 B2 20040914**; AT E295584 T1 20050515; DE 10164527 A1 20030710; DE 50203065 D1 20050616; EP 1320076 A1 20030618; EP 1320076 B1 20050511

DOCDB simple family (application)

US 32095202 A 20021216; AT 02026747 T 20021202; DE 10164527 A 20011215; DE 50203065 T 20021202; EP 02026747 A 20021202