

Title (en)

Franking system with ink level control

Title (de)

Frankiersystem mit Überwachung des Tintenfüllstands

Title (fr)

Système d'affranchissement à niveau d'encre contrôlé

Publication

**EP 1622090 A3 20070228 (FR)**

Application

**EP 05291290 A 20050616**

Priority

FR 0407791 A 20040713

Abstract (en)

[origin: EP1622090A2] The method involves determining volume of ink consumed, and destroying one of the unused nozzles of a residual ink level counter every time a print module is mounted on a different postage meter base. The unused nozzle of the counter is destroyed every time the volume of ink consumed exceeds a predetermined ink level. Operation of the print module is disabled, when all of the unused nozzles of the counter are destroyed. An independent claim is also included for a postage meter for disabling a disposable print module.

IPC 8 full level

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

CPC (source: EP US)

**B41J 2/17546** (2013.01 - EP US); **B41J 2/17566** (2013.01 - EP US); **B41J 29/393** (2013.01 - EP US); **G07B 17/00508** (2013.01 - EP US); **G07B 2017/00532** (2013.01 - EP US); **G07B 2017/00556** (2013.01 - EP US)

Citation (search report)

- [A] US 6106088 A 20000822 - WAFLE WALTER F [US]
- [A] US 2002003566 A1 20020110 - LEE DANIEL JOHN [GB]
- [A] EP 0927639 A2 19990707 - CANON KK [JP]

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

**EP 1622090 A2 20060201**; **EP 1622090 A3 20070228**; **EP 1622090 B1 20081119**; DE 602005011076 D1 20090102; FR 2873222 A1 20060120; US 2006012626 A1 20060119; US 7458653 B2 20081202

DOCDB simple family (application)

**EP 05291290 A 20050616**; DE 602005011076 T 20050616; FR 0407791 A 20040713; US 17934305 A 20050712