

Title (en)

PRINTER FOR PRINTING ON PRINTED OBJECTS, AND AN INK RIBBON CARTRIDGE FOR USE IN A PRINTER

Title (de)

DRUCKER ZUR BEDRUCKUNG VON BEDRUCKUNGSOBJEKTEN UND FARBBANDKASSETTE ZUR VERWENDUNG BEI EINEM DRUCKER

Title (fr)

IMPRIMANTE SERVANT À IMPRIMER DES OBJETS ET CASSETTE DE RUBAN ENCREUR À UTILISER DANS UNE IMPRIMANTE

Publication

EP 3196037 A3 20171115 (DE)

Application

EP 17152571 A 20170123

Priority

DE 102016101137 A 20160122

Abstract (en)

[origin: US2017210140A1] A print head holder on whose bottom the print head is attached is pivotably mounted in the housing. In the closed position of the print head holder the print head is located in a working position above the ink ribbon cassette. In a swung-up position of the print head holder an ink ribbon cassette can be inserted into the housing or can be removed from the housing. At least one spring arm is formed on the top of the ink ribbon cassette or on the bottom of the print head holder.

IPC 8 full level

B41J 17/32 (2006.01)

CPC (source: CN EP RU US)

B41J 2/325 (2013.01 - US); **B41J 3/407** (2013.01 - CN); **B41J 17/32** (2013.01 - CN EP RU US); **B41J 25/304** (2013.01 - CN); **B41J 32/00** (2013.01 - CN US); **B41J 25/304** (2013.01 - US)

Citation (search report)

- [Y] WO 2009152360 A1 20091217 - BRADY WORLDWIDE INC [US], et al
- [Y] US 6019529 A 20000201 - YAMAMOTO JUNICHI [JP], et al
- [Y] EP 1829696 A2 20070905 - SONY CORP [JP]

Cited by

CN113352782A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3196037 A2 20170726; **EP 3196037 A3 20171115**; **EP 3196037 B1 20190828**; BR 102017001187 A2 20170801; BR 102017001187 A8 20220621; CN 107009771 A 20170804; CN 107009771 B 20190709; DE 102016101137 A1 20170727; ES 2760548 T3 20200514; JP 2017132253 A 20170803; JP 6440751 B2 20181219; RU 2669252 C1 20181009; US 2017210140 A1 20170727; US 9802422 B2 20171031

DOCDB simple family (application)

EP 17152571 A 20170123; BR 102017001187 A 20170119; CN 201710046342 A 20170122; DE 102016101137 A 20160122; ES 17152571 T 20170123; JP 2017008790 A 20170120; RU 2017101847 A 20170120; US 201715410248 A 20170119