

Title (en)
Printing apparatus

Title (de)
Druckergerät

Title (fr)
IMPRIMANTE

Publication
EP 2923840 A3 20170111 (DE)

Application
EP 15159362 A 20150317

Priority
DE 102014103987 A 20140324

Abstract (en)
[origin: CA2885758A1] A printing apparatus with a cartridge carrier (6) and with a locking-and-ejection mechanism, wherein the cartridge carrier (6) has a cavity (60) for insertion of an ink cartridge, has the locking-and-ejection mechanism (612) arranged on an outside of a side part of a cartridge carrier (6). This locking-and-ejection mechanism (612) has a locking mechanism (6121) with a locking lever (61211) charged with a spring force by a first spring, which locking lever (61211) can be tilted around a rotation axis (612110), wherein the rotation axis (612110) is arranged situated on the outside of the side part. The locking-and-ejection mechanism (612) also has an ejection mechanism (6122) with a lifting plate (61223) charged with a spring force at least by a second spring, which lifting plate (61223) is arranged so as to be movable in rotation on the outside of the side part, wherein the rotation axis (612230) of the lifting plate is arranged stationary on the outside of the side part. The locking lever (61211) comprises a first locking means and a second locking means to the lock the first locking means, and an actuation means is provided to unlock the locking of the second locking means, wherein the lifting plate (61223) is arranged to be rotatable so far that the locking lever (61211) is held in the unlocked position after an ejection of an ink cartridge.

IPC 8 full level
B41J 2/175 (2006.01)

CPC (source: EP NO US)
B41J 2/17503 (2013.01 - EP NO US); **B41J 2/1752** (2013.01 - NO US)

Citation (search report)
• [AD] EP 1880857 B1 20120912 - FRANCOTYP POSTALIA GMBH [DE]
• [AD] DE 102008033052 A1 20100128 - FRANCOTYP POSTALIA GMBH [DE]

Cited by
DE202018104787U1

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)
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