

Title (en)
Paper feeder and image forming device

Title (de)
Blattzuführungsvorrichtung und Bilderzeugungsvorrichtung

Title (fr)
Alimentateur papier et dispositif de formation d'images

Publication
EP 1923339 A3 20090909 (EN)

Application
EP 07021109 A 20071029

Priority
JP 2006309611 A 20061115

Abstract (en)
[origin: EP1923339A2] A paper feeder includes a guide surface (33) arranged on a paper feed cassette (20) and a roller (43) arranged on a cassette storage unit (40). When the paper feed cassette (20) is moved along a storing direction thereof inside the cassette storage unit (40), the guide surface (33) placed on the roller (43) is slidably moved by rotation of the roller. In the paper feeder, since the cassette storage portion includes a placement surface (42) on which the guide surface is placed by surface contact at a storage position where the paper feed cassette is stored in the cassette storage unit (40), the stored paper feed cassette (20) can be maintained in a stable condition, and oscillation of the paper feed cassette (20) generated when the papers are transported can be reduced.

IPC 8 full level
B65H 1/26 (2006.01); **A47B 88/493** (2017.01)

CPC (source: EP US)
B41J 13/103 (2013.01 - EP US); **B65H 1/266** (2013.01 - EP US); **B65H 2402/53** (2013.01 - EP US); **B65H 2405/31** (2013.01 - EP US)

Citation (search report)

- [X] JP H09240849 A 19970916 - RICOH KK
- [X] US 5413409 A 19950509 - ARAI KIYOTAKA [JP]
- [X] JP 2004131211 A 20040430 - RICOH KK

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1923339 A2 20080521; EP 1923339 A3 20090909; CN 101181966 A 20080521; JP 2008120588 A 20080529; US 2008111295 A1 20080515

DOCDB simple family (application)
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