

Title (en)

Sheet feed mechanism of printer, and printer

Title (de)

Blattzuführmechanismus eines Druckers und Drucker

Title (fr)

Mécanisme d'alimentation de feuille d'un imprimante, et imprimante

Publication

EP 2060400 A2 20090520 (EN)

Application

EP 08017834 A 20081010

Priority

JP 2007296699 A 20071115

Abstract (en)

A sheet feed mechanism of a printer includes a sheet feed roller arranged so as to be rotatable about an axis in a direction orthogonal to a sheet conveying direction in plan view such that its apex is made to face a sheet conveying path on the downstream side in the sheet conveying direction, a sheet pressure-contact member arranged to be capable of pressing a sheet against the sheet feed roller, and a sheet trailing end guide portion having a guide surface which gradually guides a trailing end of the sheet released from abutment on the sheet feed roller toward the downstream in the sheet conveying direction.

IPC 8 full level

B41J 11/00 (2006.01); **B41J 13/00** (2006.01); **B41J 13/10** (2006.01)

CPC (source: EP US)

B41J 11/0065 (2013.01 - EP US); **B41J 13/10** (2013.01 - EP US); **B41J 13/103** (2013.01 - EP US)

Citation (applicant)

- JP 2007296699 A 20071115 - ZEBRA PEN CORP
- JP 2005008343 A 20050113 - SEIKO EPSON CORP
- JP 2007083500 A 20070405 - CANON KK

Cited by

EP3461766A1

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2060400 A2 20090520; **EP 2060400 A3 20091223**; **EP 2060400 B1 20160217**; CN 101434153 A 20090520; CN 101434153 B 20111207; JP 2009120338 A 20090604; JP 4943997 B2 20120530; US 2009127777 A1 20090521

DOCDB simple family (application)

EP 08017834 A 20081010; CN 200810170026 A 20081015; JP 2007296699 A 20071115; US 26926308 A 20081112