

Title (en)

Sheet guiding device and sheet processing apparatus including the sheet guiding device

Title (de)

Bogenführungsvorrichtung und Bogenverarbeitungsvorrichtung welche die Bogenführungsvorrichtung umfasst

Title (fr)

Dispositif de guidage de feuilles et appareil de traitement de feuilles comprenant ledit dispositif de guidage de feuilles

Publication

**EP 2692674 A3 20170308 (EN)**

Application

**EP 13003814 A 20130731**

Priority

JP 2012172764 A 20120803

Abstract (en)

[origin: EP2692674A2] A sheet guiding device includes: gripper bars 22 provided to delivery chains 20 and each having a holding portion configured to hold an end portion of a paper sheet W, the gripper bars 22 configured to transport the paper sheet W along a paper sheet transporting route C2 spaced away from a travelling route C 1 of the delivery chains 20; a delivery cylinder 21 having a guide surface 53a and configured to guide the transported paper sheet W, the guide surface extending along an arc-shaped transporting route portion C2b in the paper sheet transporting route C2 which is located outside an arc-shaped travelling route portion C1b in the travelling route C1 of the delivery chains 20 which is formed by the holding portion travelling along the arc-shaped travelling route portion C1b; a linear travelling route portion C1a formed downstream of the arc-shaped travelling route portion C1b in a travelling direction of the delivery chains 20; and a suction guide 40 for guiding the paper sheet W to an inner side than the linear travelling route portion C1a, the paper sheet W located in a region downstream of a shift position S from the arc-shaped travelling route portion C1b to the linear travelling route portion C1a in a sheet transporting direction.

IPC 8 full level

**B65H 29/04** (2006.01)

CPC (source: EP US)

**B41F 21/08** (2013.01 - EP US); **B65H 5/00** (2013.01 - US); **B65H 29/04** (2013.01 - EP US); **B65H 2301/44712** (2013.01 - EP US); **B65H 2301/44714** (2013.01 - EP US); **B65H 2301/542** (2013.01 - EP US); **B65H 2404/341** (2013.01 - EP US); **B65H 2406/122** (2013.01 - EP US); **B65H 2406/33** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US); **B65H 2553/46** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US); **B65H 2801/31** (2013.01 - EP US)

Citation (search report)

- [A] EP 1314556 A2 20030528 - KOENIG & BAUER AG [DE]
- [AD] JP 2010221410 A 20101007 - KOMORI PRINTING MACH

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 2692674 A2 20140205**; **EP 2692674 A3 20170308**; **EP 2692674 B1 20180718**; CN 103568531 A 20140212; CN 103568531 B 20171003; JP 2014030959 A 20140220; JP 6198291 B2 20170920; US 2014035224 A1 20140206

DOCDB simple family (application)

**EP 13003814 A 20130731**; CN 201310319467 A 20130726; JP 2012172764 A 20120803; US 201313957538 A 20130802