

Title (en)

GUIDE ROLLER AND TRANSPORT DEVICE COMPRISING SEVERAL ROLLERS

Title (de)

FÜHRUNGSROLLE UND TRANSPORTVORRICHTUNG MIT MEHREREN ROLLEN

Title (fr)

GALET DE GUIDAGE ET DISPOSITIF DE TRANSPORT COMPRENANT PLUSIEURS GALETS

Publication

**EP 3487798 A1 20190529 (FR)**

Application

**EP 17746394 A 20170712**

Priority

- EP 16020275 A 20160719
- EP 2017025200 W 20170712

Abstract (en)

[origin: WO2018015025A1] A roller for guiding a sheet (101) by friction, has a contact surface (2) intended to be in contact with the sheet (101), the contact surface (2) having, generally, a rotational shape when the roller (1) is at rest, a central portion (6) configured to mechanically connect the roller (1) to a rotational driving member, and a deformation portion (10) situated between the contact surface (2) and the central portion (6), the deformation portion (10) being configured to deform elastically when the roller (1) guides the sheet (101) by friction; the deformation portion (10) comprises at least one notch (12) extending from the contact surface (2) to the central portion (6), the notch (12) being arranged such that the deformation portion (10) comprises at least one elastically deformable segment (16).

IPC 8 full level

**B65H 27/00** (2006.01); **B31F 1/28** (2006.01)

CPC (source: EP KR US)

**B31B 50/042** (2017.08 - EP KR); **B31B 50/046** (2017.08 - EP KR); **B65H 9/166** (2013.01 - US); **B65H 27/00** (2013.01 - EP KR US); **B65H 2404/1122** (2013.01 - EP KR US); **B65H 2404/117** (2013.01 - EP KR US); **B65H 2404/1314** (2013.01 - EP KR US); **B65H 2404/1321** (2013.01 - EP KR US); **B65H 2701/176** (2013.01 - US); **B65H 2701/1762** (2013.01 - EP KR US)

Citation (examination)

JP 2002370851 A 20021224 - FUJI XEROX CO LTD

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

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BA ME

DOCDB simple family (publication)

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