

Title (en)  
DOCUMENT TRANSPORTER

Title (de)  
DOKUMENTENTRANSPORTVORRICHTUNG

Title (fr)  
DISPOSITIF DE TRANSPORT DE DOCUMENTS

Publication  
**EP 2576404 A4 20140122 (EN)**

Application  
**EP 11789399 A 20110518**

Priority  
• JP 2010129462 A 20100604  
• JP 2011002767 W 20110518

Abstract (en)  
[origin: WO2011151984A1] A document transporter has a roller or conveyor belt (4) for driving a bill (1) and a weighting device (7) for pressing the bill (1) against the roller/belt (4). The weighting device (7) includes a ball (6) weighting the bill (1) and a holder (8) rotatably holding the ball (6). The device (7) may further include a spring (15) pressing the ball (6) against the roller/belt (4). The passageway (2) into which the bill (1) is inserted is enclosed by a bottom wall (11), a top wall (12) and side walls (13). The side walls (13) have tapered surfaces (9) at the inlet (16) to the passageway (2). A pair of guide rollers (22) rotatably mounted on the side walls (13) guides the bill (1) by engaging the side edges of the bill (1). The bill (1) fed to the transporter is automatically centered.

IPC 8 full level  
**B65H 5/06** (2006.01); **B65H 5/02** (2006.01); **B65H 5/36** (2006.01); **B65H 9/16** (2006.01)

CPC (source: EP)  
**B65H 5/025** (2013.01); **B65H 5/062** (2013.01); **B65H 5/36** (2013.01); **B65H 9/101** (2013.01); **B65H 9/16** (2013.01); **B65H 2404/15** (2013.01); **B65H 2404/54** (2013.01); **B65H 2404/611** (2013.01); **B65H 2404/71** (2013.01); **B65H 2404/741** (2013.01); **B65H 2701/1912** (2013.01)

Citation (search report)  
• [IDA] US 6712356 B2 20040330 - DAOUT JEROME [CH], et al  
• [ID] US 6860480 B2 20050301 - SALTISOV LEON [CA], et al  
• [A] JP H08108954 A 19960430 - OMRON TATEISI ELECTRONICS CO  
• See references of WO 2011151984A1

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

DOCDB simple family (publication)  
**WO 2011151984 A1 20111208**; AU 2011262134 A1 20130124; BR 112012030945 A2 20161101; CA 2801628 A1 20111208; CN 103025635 A 20130403; EP 2576404 A1 20130410; EP 2576404 A4 20140122; JP 2011255976 A 20111222; MX 2012014157 A 20130501; TW 201210928 A 20120316; ZA 201209451 B 20130828

DOCDB simple family (application)  
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