

Title (en)

Transport device for sheets and method for forming and transporting a stream of overlapping sheets

Title (de)

Fördereinrichtung für Bogenlagen und Verfahren zum Bilden und Fördern eines Schuppenstroms aus Bogenlagen

Title (fr)

Dispositif de transport pour feuilles et procédé de formation et de transport d'un flux de feuilles se chevauchant

Publication

EP 2128063 A3 20110427 (DE)

Application

EP 09006797 A 20090520

Priority

DE 102008025667 A 20080528

Abstract (en)

[origin: EP2128063A2] The device has a conveying device (10) including a blocking unit for blocking a sheet at slipping free sheet quires. A conveying device (40) is provided at downstream of the conveying device (10) in a transporting direction of the quires. The device (40) includes a deflection unit (43) for deflecting a subsequent end of the quires. A conveying device (50) is provided at downstream of the conveying device (40) in a transporting direction of the quires. A downstream layer (H2) is formed between the devices (40, 50). The devices (10, 40, 50) are provided with conveyor belts (15, 45, 55). Independent claims are also included for the following: (1) a paper conversion machine, comprising a cross-cutter (2) a method for forming and conveying a stream of sheet quires.

IPC 8 full level

B65H 29/66 (2006.01); **B65H 29/16** (2006.01)

CPC (source: EP)

B65H 29/16 (2013.01); **B65H 29/6618** (2013.01); **B65H 2301/422** (2013.01); **B65H 2301/5132** (2013.01); **B65H 2404/2613** (2013.01); **B65H 2404/2691** (2013.01); **B65H 2406/32** (2013.01); **B65H 2511/10** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/416** (2013.01); **B65H 2601/273** (2013.01)

Citation (search report)

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- [Y] US 5669604 A 19970923 - HANSEN ERIK [DK]
- [A] DE 3047468 A1 19820819 - STRECKER OTTO C DR KG [DE], et al
- [A] WO 8800922 A1 19880211 - LIEBE HERZING F GRAPHISCHE [AT]
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Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2128063 A2 20091202; **EP 2128063 A3 20110427**; CN 101590959 A 20091202; DE 102008025667 A1 20091210; JP 2009286634 A 20091210

DOCDB simple family (application)

EP 09006797 A 20090520; CN 200910141819 A 20090526; DE 102008025667 A 20080528; JP 2009127379 A 20090527