

Title (en)

Transport device for sheets and method for assembling sheets

Title (de)

Fördereinrichtung für Bogenlagen und Verfahren zum Zusammenbringen von Bogenlagen

Title (fr)

Dispositif de transport de feuilles et méthode pour assembler des feuilles

Publication

EP 1266854 B1 20070117 (DE)

Application

EP 02008873 A 20020420

Priority

DE 10128653 A 20010615

Abstract (en)

[origin: EP1266854A2] A unit (34) located at the front conveyor (24), subjects a localized region of the paper sheet to suction. An Independent claim is included for the corresponding method of bringing paper sheets together. The sheets are electrostatically charged, brought to a region of overlap and subjected to suction to bring them to a lower, more suitable speed for collection.

IPC 8 full level

B65H 5/02 (2006.01); **B65H 29/66** (2006.01); **B65G 47/31** (2006.01); **B65H 5/00** (2006.01); **B65H 5/22** (2006.01); **B65H 5/24** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)

B65H 29/6627 (2013.01 - EP US); **B65H 2301/5132** (2013.01 - EP US); **B65H 2406/30** (2013.01 - EP US); **B65H 2406/32** (2013.01 - EP US)

Cited by

DE102008025667A1; DE102006009785A1; CN105731120A; EP2128063A3; EP1975101A3; US8640584B2; WO2007087858A1; EP2128063A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1266854 A2 20021218; **EP 1266854 A3 20031119**; **EP 1266854 B1 20070117**; **EP 1266854 B9 20070606**; CA 2388262 A1 20021215; CA 2388262 C 20100202; CN 1330550 C 20070808; CN 1392093 A 20030122; DE 10128653 A1 20021219; DE 50209264 D1 20070308; ES 2277969 T3 20070801; JP 2003034452 A 20030207; JP 4150215 B2 20080917; PT 1266854 E 20070430; US 2002190461 A1 20021219; US 2005029733 A1 20050210; US 6945529 B2 20050920; US 7059598 B2 20060613

DOCDB simple family (application)

EP 02008873 A 20020420; CA 2388262 A 20020530; CN 02123287 A 20020614; DE 10128653 A 20010615; DE 50209264 T 20020420; ES 02008873 T 20020420; JP 2002172784 A 20020613; PT 02008873 T 20020420; US 16673702 A 20020612; US 89856704 A 20040726