

Title (en)  
Device and system for sheet transportation

Title (de)  
Vorrichtung und System zum Bogentransport

Title (fr)  
Dispositif et systeme pour transporter des feuilles

Publication  
**EP 2505532 A2 20121003 (EN)**

Application  
**EP 12382122 A 20120330**

Priority  
ES 201130524 A 20110401

Abstract (en)  
The present invention relates to a device (1) for conveying sheets (2), comprising a board (3) provided with bore holes (4); blowing means (5) connected to a first series of bore holes (4a); at least two conveyor belts (8) arranged such that they slide on said conveyor board; suction means (9) connected to a second series of bore holes (4b) of the board, arranged below the conveyor belts. The conveyor belts are provided with holes (11) along their entire length which uncover intermittently and during the forward movement of the belt the bore holes of the second series of bore holes. The conveyor board comprises barriers (12) arranged adjacent to each side of each conveyor belt on the upper edges (12a) of which the sheet is supported during its travel over the board.

IPC 8 full level  
**B65H 5/22** (2006.01)

CPC (source: EP ES)  
**B65H 5/224** (2013.01 - EP ES); **B65H 11/005** (2013.01 - ES); **B65H 2404/513** (2013.01 - EP); **B65H 2406/11** (2013.01 - EP); **B65H 2406/364** (2013.01 - EP); **B65H 2701/176** (2013.01 - EP)

Citation (applicant)  
US 5133543 A 19920728 - EITEL JOHANN E [DE], et al

Cited by  
DE102019118647B3; CN113798107A; CN108438969A; CN108861705A; EP2982627A1; CN113371481A; JP2021094720A; DE102020114531A1; WO2021239416A1; EP3974360A1; DE102020125412A1

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 2505532 A2 20121003**; **EP 2505532 A3 20141210**; **EP 2505532 B1 20171122**; ES 2393729 A1 20121227; ES 2393729 B1 20131104; ES 2658340 T3 20180309

DOCDB simple family (application)  
**EP 12382122 A 20120330**; ES 12382122 T 20120330; ES 201130524 A 20110401