

Title (en)

Sheet material processing machine with a guide for the suspended transport thereof

Title (de)

Bogenverarbeitungsmaschine mit einer Leiteinrichtung zum schwebenden Führen von Bogenmaterial

Title (fr)

Machine de traitement des feuilles avec un dispositif de guidage par air comprimé pour des feuilles

Publication

**EP 1834912 B1 20091202 (DE)**

Application

**EP 07004979 A 20070310**

Priority

DE 102006012505 A 20060318

Abstract (en)

[origin: EP1834912A2] Guiding device comprises a guiding surface (13) with nozzles (17) arranged on the guiding surface across the conveying direction (3) for guiding a sheet material in a suspended manner. A further nozzle (16) is assigned to each nozzle directly on each side edge (19) outside of the maximum format. Each further nozzle is coupled with a blowing air source and is arranged with a blowing opening in the guiding surface to produce a vertical blowing air stream. Preferred Features: The further nozzles are arranged flush over each other with the guiding surface in the conveying direction.

IPC 8 full level

**B65H 29/24** (2006.01); **B65H 29/52** (2006.01)

CPC (source: EP)

**B65H 29/041** (2013.01); **B65H 29/245** (2013.01); **B65H 29/52** (2013.01); **B65H 2406/11** (2013.01); **B65H 2406/112** (2013.01); **B65H 2406/1132** (2013.01); **B65H 2701/1131** (2013.01); **B65H 2701/132** (2013.01); **B65H 2801/21** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1834912 A2 20070919; EP 1834912 A3 20071017; EP 1834912 B1 20091202**; AT E450465 T1 20091215; DE 102006012505 A1 20070920; DE 502007002136 D1 20100114; DK 1834912 T3 20100419

DOCDB simple family (application)

**EP 07004979 A 20070310**; AT 07004979 T 20070310; DE 102006012505 A 20060318; DE 502007002136 T 20070310; DK 07004979 T 20070310