

Title (en)
Sheet alignment using pulsed air

Title (de)
Bogenausrichtung mittels gepulster Luft

Title (fr)
Orientation de feuilles au moyen d'air pulsé

Publication
EP 2628595 A3 20160511 (DE)

Application
EP 13153962 A 20130205

Priority
DE 102012003270 A 20120216

Abstract (en)
[origin: EP2628595A2] The device has a pneumatically actuated alignment element (19) arranged in a feed table (9). The alignment element is subjected with suction air such that pressure available between a sheet (7) and the alignment elements is variably adjusted between lower pressure and pressure greater than or equal to 0. A pressure wave generator is provided for adjustment of alternating pressure. Suction apertures are connected with a suction chamber. The generator is arranged at a limiting wall of the suction chamber.

IPC 8 full level
B41F 21/12 (2006.01); **B41F 21/14** (2006.01); **B65H 9/10** (2006.01)

CPC (source: EP)
B41F 21/12 (2013.01); **B41F 21/14** (2013.01); **B65H 5/222** (2013.01); **B65H 9/105** (2013.01); **B65H 11/00** (2013.01); **B65H 2404/561** (2013.01); **B65H 2406/342** (2013.01); **B65H 2406/365** (2013.01)

Citation (search report)
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CN106217470A

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 2628595 A2 20130821; EP 2628595 A3 20160511; CN 103252988 A 20130821; DE 102012003270 A1 20130822

DOCDB simple family (application)
EP 13153962 A 20130205; CN 201310051312 A 20130216; DE 102012003270 A 20120216