

Title (en)

Device for simultaneously feeding and aligning sheets

Title (de)

Vorrichtung zum Fördern und gleichzeitigen Ausrichten von Bogen

Title (fr)

Dispositif pour simultanément transporter et aligner des feuilles

Publication

EP 1593628 A3 20081008 (DE)

Application

EP 05103353 A 20050426

Priority

DE 102004022141 A 20040505

Abstract (en)

[origin: EP1593628A2] The machine for feeding and simultaneously adjusting sheets of paper (1) has a straight edge (50) which acts as an orientating guide and a conveyor belt (40) which is at an angle to it. The belt has transverse slots (23) which are connected to a suction system. This is fitted with a throttle valve (31) and by-pass valve operated by a control unit (33).

IPC 8 full level

B65H 9/16 (2006.01)

CPC (source: EP US)

B65H 9/163 (2013.01 - EP US); **B65H 2404/24** (2013.01 - EP US); **B65H 2406/3124** (2013.01 - EP US); **B65H 2406/36** (2013.01 - EP US)

Citation (search report)

- [A] DE 4421918 C1 19950921 - MATTKA GUENTER [DE], et al
- [A] DE 1260378 B 19680201 - MARIUS MARTIN S A
- [A] DE 3607882 C1 19870402 - OPPENWEILER BINDER GMBH MASCHB
- [A] GB 885556 A 19611228 - UNIVERSAL CORRUGATED BOX MACH
- [A] US 4647033 A 19870303 - EMRICH HELMUT [DE]

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 MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1593628 A2 20051109; EP 1593628 A3 20081008; EP 1593628 B1 20091202; AT E450464 T1 20091215; CN 100572235 C 20091223; CN 1736835 A 20060222; DE 102004022141 A1 20051124; DE 502005008603 D1 20100114; PT 1593628 E 20100308; US 2005248081 A1 20051110; US 7374164 B2 20080520

DOCDB simple family (application)

EP 05103353 A 20050426; AT 05103353 T 20050426; CN 200510092267 A 20050430; DE 102004022141 A 20040505; DE 502005008603 T 20050426; PT 05103353 T 20050426; US 12345705 A 20050505