

Title (en)

Curl-suppressing device for flat printed materials

Title (de)

Glättvorrichtung für flächige Bedruckstoffe

Title (fr)

Dispositif supprimeur du cintrage pour matériaux imprimés plats

Publication

**EP 1184315 A3 20030910 (DE)**

Application

**EP 01117734 A 20010730**

Priority

DE 10042891 A 20000831

Abstract (en)

[origin: EP1184315A2] The smoothing device for printed sheets comprises curved guide surfaces (2.9.1, 2.9.2) over which the sheets flow. These have air outlets (11, 11') which connect with throttle channels (15, 16) fed with compressed air. An Independent claim is included for a sheet processing machine fitted with the device.

IPC 1-7

**B65H 29/52**; **B65H 29/04**

IPC 8 full level

**B41F 21/00** (2006.01); **B65H 5/36** (2006.01); **B65H 5/38** (2006.01); **B65H 29/52** (2006.01); **B65H 29/70** (2006.01)

CPC (source: EP US)

**B65H 29/52** (2013.01 - EP US); **B65H 2301/51256** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

Citation (search report)

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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 1184315 A2 20020306**; **EP 1184315 A3 20030910**; CN 1226143 C 20051109; CN 1340417 A 20020320; CZ 20012833 A3 20020417; DE 10137212 A1 20020523; HK 1045283 A1 20021122; HK 1045283 B 20060707; JP 2002137361 A 20020514; US 2002060422 A1 20020523; US 6663550 B2 20031216

DOCDB simple family (application)

**EP 01117734 A 20010730**; CN 01131309 A 20010831; CZ 20012833 A 20010803; DE 10137212 A 20010730; HK 02106490 A 20020903; JP 2001259551 A 20010829; US 94457601 A 20010831