

Title (en)

Sheet guiding device with a cooled guiding plate

Title (de)

Bogenleitvorrichtung mit einem gekühlten Bogenleitblech

Title (fr)

Dispositif de guidage de feuilles avec une plaque de guidage refroidie

Publication

EP 0786339 B1 19990519 (DE)

Application

EP 96120243 A 19961217

Priority

DE 19602514 A 19960125

Abstract (en)

[origin: DE19602514C1] The feeder has a seal (8) situated in a receiver channel (9) lying between the rear side of the feed plate (1) and the cooling vessel plate (3). Air openings (7) are provided in the feed plate. Welding zones (10) are arranged near the seal for the connection of the feed plate to the cooling vessel plate by spot welding, laser welding or impulse welding. Sealing rings (8) are introduced into the air openings.

IPC 1-7

B41F 21/10

IPC 8 full level

B41F 21/00 (2006.01); **B41F 21/10** (2006.01); **B41F 23/04** (2006.01); **B65H 5/00** (2006.01); **B65H 29/52** (2006.01)

CPC (source: EP US)

B41F 23/04 (2013.01 - EP US); **B65H 29/52** (2013.01 - EP US); **B65H 2406/00** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

DE 19602514 C1 19970403; CA 2195145 A1 19970726; DE 59601942 D1 19990624; EP 0786339 A1 19970730; EP 0786339 B1 19990519; JP 3974675 B2 20070912; JP H09201946 A 19970805; US 5992845 A 19991130

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DE 19602514 A 19960125; CA 2195145 A 19970115; DE 59601942 T 19961217; EP 96120243 A 19961217; JP 606297 A 19970117; US 78948797 A 19970127