

Title (en)

Device for transient guiding of successive sheets

Title (de)

Vorrichtung zum vorübergehenden Führen aufeinanderfolgender Bogen

Title (fr)

Dispositif pour le guidage transitoire de feuilles se succédant

Publication

EP 0770571 A3 19980107 (DE)

Application

EP 96114866 A 19960917

Priority

DE 19539663 A 19951025

Abstract (en)

[origin: EP0770571A2] The device uses a circulating guide element (2) to guide through the sheets. The latter has at least one suction opening (6) with a mouth cross section which can be covered by each passing sheet, and uses a suction effect which acts upon each sheet and which results from a reduced pressure in at least one opening. The mouth cross section of at least one suction opening lies in a groove (8,8'), which is formed in the guide element, and which is at least roughly orientated in the circumferential direction. The guide element may be in the form of an endless belt on a conveyor.

IPC 1-7

B65H 29/68

IPC 8 full level

B65H 5/02 (2006.01); **B65H 5/06** (2006.01); **B65H 5/22** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP US)

B65H 29/686 (2013.01 - EP US)

Citation (search report)

- [A] US 3942788 A 19760309 - BOYLE ROBERT A
- [DA] DE 4017931 A1 19910103 - POLYGRAPH LEIPZIG [DE]

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0770571 A2 19970502; EP 0770571 A3 19980107; EP 0770571 B1 20011128; CN 1150574 A 19970528; DE 19539663 A1 19970430; DE 59608311 D1 20020110; JP H09132338 A 19970520; US 5829740 A 19981103

DOCDB simple family (application)

EP 96114866 A 19960917; CN 96120394 A 19961025; DE 19539663 A 19951025; DE 59608311 T 19960917; JP 28061296 A 19961023; US 74025296 A 19961025