

Title (en)

METHOD AND DEVICE FOR THE TENSIONLESS TRANSPORTATION OF WEB-LIKE PRODUCTS

Publication

EP 0379685 B1 19920722 (DE)

Application

EP 89122505 A 19891206

Priority

DE 3901782 A 19890121

Abstract (en)

[origin: EP0379685A2] For the tensionless transportation of a thin web-like product (1) through a treatment zone (2), it is proposed that, with respect to the deflection zones, there be introduced from the inlet side (6) thereof, and at least approximately in the direction of transport (8), between the product (1) and the surface of each deflection body a flow medium having a flow speed corresponding at least to the desired inlet speed. This is to take place using a device which comprises at least one deflection body having a surface at which the product (1) to be transported is deflected and which at the same time moves during transportation from an inlet side (6) to the outlet side (7) after deflection, each deflection body being assigned means which become active on the inlet side for introducing pressurised flow medium in the inlet direction and underneath the product (1).
<IMAGE>

IPC 1-7

B65H 23/24

IPC 8 full level

B65H 20/14 (2006.01); **B65H 23/24** (2006.01); **F26B 13/10** (2006.01)

CPC (source: EP)

B65H 23/24 (2013.01); **B65H 2406/111** (2013.01)

Cited by

US6635111B1; WO0039011A3

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0379685 A2 19900801; **EP 0379685 A3 19901219**; **EP 0379685 B1 19920722**; AT E78451 T1 19920815; CA 2008155 A1 19900721; CA 2008155 C 19940503; DE 3901782 A1 19900802; DE 58901891 D1 19920827; ES 2034569 T3 19930401; JP H02231352 A 19900913

DOCDB simple family (application)

EP 89122505 A 19891206; AT 89122505 T 19891206; CA 2008155 A 19900119; DE 3901782 A 19890121; DE 58901891 T 19891206; ES 89122505 T 19891206; JP 115090 A 19900109