

Title (en)

Device for braking sheet elements in a out-feed station of a machine for processing such elements

Title (de)

Vorrichtung zum Bremsen von plattenförmigen Elementen in einer Auslegerstation einer Maschine zur Behandlung von solchen Elementen

Title (fr)

Dispositif de freinage d'éléments en plaque au sein d'une station de réception d'une machine de traitement de tels éléments

Publication

EP 0681975 B1 19970806 (FR)

Application

EP 95106871 A 19950506

Priority

CH 147794 A 19940511

Abstract (en)

[origin: EP0681975A1] The braking unit consists of a transverse oblique brush (10) pointing downwards and forwards and alternately raised and lowered by elastic elements (22) during the passage of a clamp bar; the lowering action being produced by a horizontal bar (40) acting on the upper end of an oblique arm connected to the brush's axis of rotation. On the downward movement the brush is pressed against a rear panel (54) by an obliquely-positioned front section (42) of the bar. The oblique section of the bar can be straight or curved in shape, while the brush's axle (22) is held in the same frame (50) as the panel. <IMAGE>

IPC 1-7

B65H 29/68

IPC 8 full level

B65H 29/52 (2006.01); **B65H 5/08** (2006.01); **B65H 5/36** (2006.01); **B65H 29/02** (2006.01); **B65H 29/68** (2006.01)

CPC (source: EP KR US)

B65H 20/16 (2013.01 - KR); **B65H 29/683** (2013.01 - EP US); **B65H 2301/44921** (2013.01 - EP US); **B65H 2403/513** (2013.01 - EP US); **B65H 2404/561** (2013.01 - EP US); **B65H 2404/63** (2013.01 - EP US); **B65H 2511/11** (2013.01 - EP US); **B65H 2701/176** (2013.01 - EP US)

C-Set (source: EP US)

B65H 2511/11 + **B65H 2220/01** + **B65H 2220/04**

Cited by

EP1882657A3; EP2107022A1; US7735824B2; US8079587B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0681975 A1 19951115; **EP 0681975 B1 19970806**; CH 689977 A5 20000229; CN 1060450 C 20010110; CN 1117466 A 19960228; DE 69500514 D1 19970911; DE 69500514 T2 19980129; ES 2105810 T3 19971016; JP 2670432 B2 19971029; JP H07315660 A 19951205; KR 0156618 B1 19990218; KR 950031838 A 19951220; TW 348573 U 19981221; US 5599012 A 19970204

DOCDB simple family (application)

EP 95106871 A 19950506; CH 147794 A 19940511; CN 95105611 A 19950510; DE 69500514 T 19950506; ES 95106871 T 19950506; JP 11209395 A 19950510; KR 19950011505 A 19950510; TW 85215977 U 19950504; US 43877195 A 19950511