

Title (en)

Locking device structure particularly for traction-fed cardboard.

Title (de)

Arretiervorrichtung, insbesondere für einzugsgeführte Wellpappe.

Title (fr)

Dispositif d'arrêt, notamment pour l'alimentation en traction de carton ondulé.

Publication

EP 0453943 A2 19911030 (EN)

Application

EP 91106150 A 19910417

Priority

IT 5933890 U 19900424

Abstract (en)

The locking device structure includes a polygonal plate (12a) having a counter roller (18) pivoted thereto, the counter roller being arranged above a driven roller (4). An actuation piston (6) is pivoted to an upper corner of the plate (12a), which is also provided at a lower corner with a presser plate (16). Extension of the piston (6) provides traction feeding of cardboard (14) between the rollers (4,18) whereas retraction of the piston releases the traction and further blocks the feed of cardboard (14) due to engagement of presser plate (16) on abutment surface (19). <IMAGE>

IPC 1-7

B31B 1/04; **B65H 20/02**; **B65H 20/04**; **B65H 20/20**; **B65H 45/04**

IPC 8 full level

B65H 20/02 (2006.01)

CPC (source: EP)

B65H 20/02 (2013.01); **B65H 2701/1762** (2013.01)

Cited by

CN102490390A; US6086011A; US5586709A; US6418825B1; WO9924343A1

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI

DOCDB simple family (publication)

EP 0453943 A2 19911030; **EP 0453943 A3 19930811**; **EP 0453943 B1 19960221**; DE 69117209 D1 19960328; DE 69117209 T2 19960711; ES 2085372 T3 19960601; IT 223039 Z2 19950609; IT 9059338 U1 19911024; IT 9059338 V0 19900424

DOCDB simple family (application)

EP 91106150 A 19910417; DE 69117209 T 19910417; ES 91106150 T 19910417; IT 5933890 U 19900424