

Title (en)
Door for the single-facer section of a corrugated cardboard making machine

Title (de)
Tür für die einseitige Station einer Wellpappen-Herstellungsmaschine

Title (fr)
Porte pour la station "simple face" d'une machine de fabrication de carton ondule

Publication
EP 0574875 B1 19960313 (FR)

Application
EP 93109522 A 19930615

Priority
CH 193792 A 19920619

Abstract (en)
[origin: EP0574875A1] Vertical rear door (15) for a single-facer section (station), which has to be pressurised pneumatically, in a corrugated cardboard making machine. This door consists of a panel (16) having external dimensions which are slightly smaller than the internal dimensions of the frame (18) in which it is engaged. The entire periphery of the edge of this panel (16) is fitted with a peripheral leaktight seal (72, 74, 76) which bears against the inner periphery of the frame (18). The locking means comprise at least one hook (30) fastened perpendicularly against the inner face of the panel (16) of the door (15), so as to be able to be raised, when desired, into a vertical plane by a device (44, 40, 34) so that the hook (30) is able to engage on a locking pin (32) integral with the frame (18). The front part of the inner notch (33) of the hook (30) is curved forwards and the hook (30) has an oblique front part. <IMAGE>

IPC 1-7
B31F 1/28; **F16J 13/24**; **B65D 90/32**

IPC 8 full level
B31F 1/28 (2006.01); **B65D 90/32** (2006.01)

CPC (source: EP US)
B31F 1/2845 (2013.01 - EP US); **B65D 90/32** (2013.01 - EP US); **Y10T 292/0828** (2015.04 - EP US)

Cited by
CN106003844A

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
EP 0574875 A1 19931222; **EP 0574875 B1 19960313**; DE 69301777 D1 19960418; DE 69301777 T2 19960808; JP H06340012 A 19941213; JP H0818388 B2 19960228; US 5360505 A 19941101

DOCDB simple family (application)
EP 93109522 A 19930615; DE 69301777 T 19930615; JP 14925993 A 19930621; US 7804793 A 19930618