

Title (en)

Device for closing the side flaps of boxes with fold-down flaps.

Title (de)

Vorrichtung zum Verschliessen der Seitenklappen von Schachteln mit faltbaren Klappen.

Title (fr)

Dispositif pour la fermeture de volets latéraux des boîtes avec des volets rabattables.

Publication

EP 0542341 A1 19930519 (EN)

Application

EP 92203372 A 19921104

Priority

IT MI912997 A 19911111

Abstract (en)

The device comprises a pair of symmetrical plates (11) normally elastically kept in respective substantially vertical planes convergent in the direction of advancement of the boxes and suitable for rotating on respective convergent oblique axes under the action of the front edge of boxes of variable width until the side flaps (24, 25) of the boxes are closed. <IMAGE>

IPC 1-7

B65B 7/20

IPC 8 full level

B65B 7/20 (2006.01); **B31B 50/56** (2017.01)

CPC (source: EP)

B65B 7/20 (2013.01)

Citation (search report)

[X] US 4955177 A 19900911 - LERNER JOSEPH S [US], et al

Cited by

US10960997B2; ES2177407A1; EP3530574A1; CN110194285A; JP2019147584A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0542341 A1 19930519; IT 1252001 B 19950527; IT MI912997 A0 19911111; IT MI912997 A1 19930511; JP H05220872 A 19930831

DOCDB simple family (application)

EP 92203372 A 19921104; IT MI912997 A 19911111; JP 29744892 A 19921106