

Title (en)  
ROTATABLE FLAP FOLDER

Title (de)  
ROTATIONSFALTMASCHINE FÜR VERSCHLUSSKLAPPEN

Title (fr)  
PLIEUSE A RABAT PIVOTANTE

Publication  
**EP 1123236 B1 20040428 (EN)**

Application  
**EP 99970638 A 19991021**

Priority  
• US 9924617 W 19991021  
• US 17563198 A 19981021

Abstract (en)  
[origin: WO0023321A1] A cylindrical segment having a longitudinal axis has a helical edge which serves as a static flap folding edge for a carton in translatory motion with respect to the cylindrical segment. The cylindrical segment is reciprocally rotatable about an axis such that when the cylindrical segment rotates the helical edge progressively engages and folds a flap of a carton disposed at the helical edge.

IPC 1-7  
**B65B 7/20**

IPC 8 full level  
**B65B 7/20** (2006.01)

CPC (source: EP)  
**B65B 7/20** (2013.01)

Cited by  
US7641607B2; US7832183B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0023321 A1 20000427**; AU 1216600 A 20000508; AU 772675 B2 20040506; BR 9914690 A 20010710; EP 1123236 A1 20010816; EP 1123236 B1 20040428; ES 2220145 T3 20041201; MX PA01003928 A 20030310

DOCDB simple family (application)  
**US 9924617 W 19991021**; AU 1216600 A 19991021; BR 9914690 A 19991021; EP 99970638 A 19991021; ES 99970638 T 19991021; MX PA01003928 A 19991021