

Title (en)
SLIDER FOR A RECLOSABLE FASTENER LYING IN A TWO DIMENSIONAL PLANE

Title (de)
SCHIEBER FÜR WIEDERVERSCHLIESSBAREN VERSCHLUSS MIT ZWEIDIMENSIONALEM VERLAUF

Title (fr)
GLISSIERE D'APPLICATION D'EFFORTS D'OUVERTURE OU DE FERMETURE A UNE ATTACHE SE TROUVANT DANS UN PLAN BIDIMENSIONNEL

Publication
EP 1246755 B1 20051005 (EN)

Application
EP 01903024 A 20010111

Priority
• US 0100858 W 20010111
• US 48090900 A 20000111

Abstract (en)
[origin: WO0151361A2] A slider opens or closes a rigid elongate reclosable fastener lying in an X-Y plane and sealable in a Z direction orthogonal thereto. The slider is slidably attachable to the fastener and imparts forces to the fastener in the Z direction to open or close the same as the slider moves along a travel path having vector components in the X and Y directions. The slider biases interlocking elements of the fastener into engagement with one another as the slider moves in a first direction and separates the interlocking elements as the slider moves in a second direction.
[origin: WO0151361A2] A slider opens or closes a rigid elongate reclosable fastener (40) lying in an X-Y plane and sealable in a Z direction orthogonal thereto. The slider (100) is slidably attachable to the fastener (40) and imparts forces to the fastener (40) in the Z direction to open or close the same as the slider (100) moves along a travel path having vector components in the X and Y directions. The slider (100) biases interlocking elements of the fastener into engagement with one another as the slider (100) moves in a first direction and separates the interlocking elements as the slider (100) moves in a second direction.

IPC 1-7
B65D 1/00

IPC 8 full level
A44B 19/28 (2006.01); **A44B 19/16** (2006.01); **A44B 19/26** (2006.01); **B65D 33/25** (2006.01); **B65D 43/16** (2006.01); **B65D 45/04** (2006.01)

CPC (source: EP KR US)
B65D 33/25 (2013.01 - KR); **B65D 33/2541** (2013.01 - EP KR US); **B65D 43/00** (2013.01 - KR); **B65D 43/162** (2013.01 - EP); **A44B 19/16** (2013.01 - EP); **A44B 19/267** (2013.01 - EP); **B65D 2251/1016** (2013.01 - EP); **B65D 2313/00** (2013.01 - EP)

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 0151361 A2 20010719; WO 0151361 A3 20011213; AR 027203 A1 20030319; AT E305885 T1 20051015; AU 3089601 A 20010724; AU 779392 B2 20050120; BR 0107559 A 20030114; CA 2394487 A1 20010719; CA 2394487 C 20060530; CN 1395473 A 20030205; DE 60113802 D1 20051110; DE 60113802 T2 20060713; EP 1246755 A2 20021009; EP 1246755 B1 20051005; EP 1246755 B8 20060111; ES 2250350 T3 20060416; JP 2003519556 A 20030624; KR 100516011 B1 20050926; KR 20020071013 A 20020911; MX PA02006383 A 20021129; PE 20011241 A1 20011216

DOCDB simple family (application)
US 0100858 W 20010111; AR P010100112 A 20010111; AT 01903024 T 20010111; AU 3089601 A 20010111; BR 0107559 A 20010111; CA 2394487 A 20010111; CN 01803317 A 20010111; DE 60113802 T 20010111; EP 01903024 A 20010111; ES 01903024 T 20010111; JP 2001551752 A 20010111; KR 20027008930 A 20020710; MX PA02006383 A 20010111; PE 2001000023 A 20010111