

Title (en)
SEALING CLOSURES

Title (de)
DICHTENDE VERSCHLÜSSE

Title (fr)
FERMETURES ETANCHES

Publication
EP 1272398 B1 20040303 (EN)

Application
EP 01920922 A 20010403

Priority
• US 0110620 W 20010403
• US 19422100 P 20000403

Abstract (en)
[origin: WO0174676A1] A reclosable closure (10) consists of two longitudinally continuous strips (12) and (14) which, when facially engaged, are held together by hook and loop fastening principles. The inner side of one strip (12) has two fields of hook-engageable loops (16), separated by a female seal profile portion (20). The inner side of the other strip (14) has two fields of molded hook elements (18) arranged to engage the loops (16) to hold the closure (10) in its closed condition, and a central male seal profile portion (22) for engaging the female seal profile portion (20) to form a seal when the closure is closed. Another reclosable closure is held together by hook and loop fastening principles and includes a resilient bead (74) that is compressed between opposing sides of the closure, or between spaced rails (70) of an opposing side of the closure, when the hooks (18) and loops (16) of the closure are engaged. The closure (10) is useful, for example, as a bag closure.

IPC 1-7
B65D 33/24; **B65D 33/25**

IPC 8 full level
A44B 18/00 (2006.01); **B65D 33/25** (2006.01)

CPC (source: EP)
A44B 18/0046 (2013.01); **A44B 18/0049** (2013.01); **B65D 33/2541** (2013.01); **B65D 2313/02** (2013.01)

Cited by
CN102371682A

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 0174676 A1 20011011; AU 4792801 A 20011015; CA 2405094 A1 20011011; CN 1422225 A 20030604; DE 60102220 D1 20040408; DE 60102220 T2 20050303; EP 1272398 A1 20030108; EP 1272398 B1 20040303; ES 2215891 T3 20041016; JP 2003529500 A 20031007; MX PA02009775 A 20030527

DOCDB simple family (application)
US 0110620 W 20010403; AU 4792801 A 20010403; CA 2405094 A 20010403; CN 01807778 A 20010403; DE 60102220 T 20010403; EP 01920922 A 20010403; ES 01920922 T 20010403; JP 2001572379 A 20010403; MX PA02009775 A 20010403