

Title (en)

Plastic reclosable fastener with structure for retaining slider in closed position.

Title (de)

Wiederverschliessbares Kunststoff-Befestigungselement mit einer Struktur um den Reissverschluss verschlossen zu erhalten.

Title (fr)

Fermeture réutilisable en matière plastique avec dispositif de retenue du curseur en position fermée.

Publication

**EP 0505069 A1 19920923 (EN)**

Application

**EP 92301998 A 19920309**

Priority

US 67464891 A 19910322

Abstract (en)

A fastener structure (11) for a thermoplastic bag (B), comprising a pair of flexible plastic strips (14,15) having a separable fastener extending along the length thereof comprising reclosable interlocking male and female profile elements (16,17) on the respective strips. The male and female elements (16,17) having complimentary cross sectional shapes such that they are closed by pressing the elements together. The structure (11) also includes a straddling slider (10) on the strips for closing the reclosable male and female elements; and a latch for retaining the slider in closed position when the slider reaches the closed end of its travel along the plastic strips. The latching means comprises a cooperative detent structure on the slider and at least one of the plastic strips. The detent structure is spaced from the male (14p,15p) and female (21n,22n) interlocking elements and is engageable when the slider is at the closed end of its travel on the plastic strips. <IMAGE>

IPC 1-7

**A44B 19/26**; **A44B 19/30**

IPC 8 full level

**A44B 19/36** (2006.01); **A44B 19/16** (2006.01); **A44B 19/30** (2006.01); **B65D 33/25** (2006.01)

CPC (source: EP KR US)

**A44B 19/00** (2013.01 - KR); **A44B 19/30** (2013.01 - EP); **B65D 33/2584** (2020.05 - EP KR US); **A44B 19/16** (2013.01 - EP)

Citation (search report)

- [Y] US 2701903 A 19550215 - WILLIAMS HARVEY L
- [YPD] WO 9113565 A1 19910919 - MOBIL OIL CORP [US]
- [AD] US 3259951 A 19660712 - ZIMMERMAN MERLE A

Cited by

EP1541479A1; AU762363B2; GB2455988B; GB2455988A; WO0064767A1; US6376035B1; US6821589B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 0505069 A1 19920923**; **EP 0505069 B1 19961030**; AT E144688 T1 19961115; AU 1289592 A 19920924; AU 648149 B2 19940414; CA 2063060 A1 19920923; CA 2063060 C 20011030; DE 69214862 D1 19961205; DE 69214862 T2 19970227; DK 0505069 T3 19970303; ES 2096026 T3 19970301; GR 3021987 T3 19970331; JP 3009967 B2 20000214; JP H0591911 A 19930416; KR 100230494 B1 19991115; KR 920017593 A 19921021; TW 197991 B 19930111

DOCDB simple family (application)

**EP 92301998 A 19920309**; AT 92301998 T 19920309; AU 1289592 A 19920313; CA 2063060 A 19920313; DE 69214862 T 19920309; DK 92301998 T 19920309; ES 92301998 T 19920309; GR 960403423 T 19961211; JP 6513192 A 19920323; KR 920004691 A 19920321; TW 81102583 A 19920406