

Title (en)

Reclosable bag with zipper in a fin seal

Title (de)

Wiederverschliessbarer Beutel mit Profilverschluss in einer längslaufenden Naht

Title (fr)

Sac refermable à joint longitudinal avec fermeture à glissière

Publication

EP 1690802 A1 20060816 (EN)

Application

EP 06250576 A 20060202

Priority

US 5403205 A 20050209

Abstract (en)

Reclosable bags (10) are disclosed wherein a sheet of web (100) is folded so that outward longitudinal quarters are folded over a central longitudinal half in a horizontal form fill seal apparatus (1000). The central longitudinal half forms the back wall of the bag (10) while the two outward longitudinal quarters form the front wall of the bag. A fin seal (24) is formed where the longitudinal edges meet. The zipper (30) is formed within the fin seal. However, in an alternative embodiment, the zipper is formed within the top fold while the longitudinal edges are joined by a fin seal.

IPC 8 full level

B65D 33/25 (2006.01)

CPC (source: EP US)

B65D 33/2508 (2013.01 - EP US); **B65D 33/2583** (2013.01 - EP US)

Citation (applicant)

- US 6799890 B2 20041005 - SCHNEIDER JOHN H [US], et al
- US 6347437 B2 20020219 - PROVAN ALEXANDER R [US], et al
- US 6138439 A 20001031 - MCMAHON MICHAEL J [US], et al

Citation (search report)

- [X] WO 8402896 A1 19840802 - CREATIVE PROD RES ASS [US]
- [X] US 4848928 A 19890718 - AUSNIT STEVEN [US]
- [AD] US 6799890 B2 20041005 - SCHNEIDER JOHN H [US], et al
- [AD] US 6347437 B2 20020219 - PROVAN ALEXANDER R [US], et al
- [AD] US 6138439 A 20001031 - MCMAHON MICHAEL J [US], et al
- [A] US 2004136618 A1 20040715 - AUSNIT STEVEN [US], et al

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Designated contracting state (EPC)

DE FR GB

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