

Title (en)

Diagonal front panel zipper opening on flexible pouches

Title (de)

Diagonale Reißverschlussöffnung auf der Vorderseite flexibler Taschen

Title (fr)

Goulotte à glissières frontale sur sacs flexibles

Publication

EP 1698560 A1 20060906 (EN)

Application

EP 06250814 A 20060216

Priority

US 6870505 A 20050301

Abstract (en)

A reclosable bag is formed with a diagonal opening in the front sheet of web. A zipper is formed over the diagonal opening. The diagonal opening is typically formed at a forty-five degree angle from the top seal, but may be within the range of thirty to sixty degrees from the top seal. This bag is manufactured from a supply of web which may have the diagonal openings pre-formed, or which may form the diagonal openings as part of the manufacturing process.

IPC 8 full level

B65D 33/25 (2006.01); **B65D 33/04** (2006.01); **B65D 75/58** (2006.01)

CPC (source: EP US)

B65D 33/04 (2013.01 - EP US); **B65D 33/2508** (2013.01 - EP US); **B65D 33/2575** (2013.01 - EP US); **B65D 33/2583** (2013.01 - EP US); **B65D 75/5866** (2013.01 - EP US)

Citation (applicant)

- US 5951453 A 19990914 - YEAGER JAMES W [US]
- US 6270257 B1 20010807 - YEAGER JAMES W [US]

Citation (search report)

- [X] FR 1477658 A 19670421 - POLYPAPIER
- [X] WO 02096331 A2 20021205 - PROCTER & GAMBLE [US], et al
- [A] US 5167608 A 19921201 - STEFFENS JR LEONARD [US], et al
- [A] WO 2005005274 A1 20050120 - NEW PACK KOREA CO LTD [KR], et al

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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