

Title (en)
Packaging bag with zipper

Title (de)
Wiederverschliessbarer Beutel mit Reissverschluss

Title (fr)
Sac refermable à fermeture à glissière

Publication
EP 1418132 A1 20040512 (EN)

Application
EP 03025200 A 20031104

Priority
JP 2002323229 A 20021107

Abstract (en)
A packaging bag (1) with zipper is provided, which enables easy identification whether or not the bag has been opened. For this purpose, in the packaging bag with zipper, the lower end portion of a male zipper tape (5) and the lower end portion of a female zipper tape (6) are bonded to the inner faces of respective front side (3) and rear side (4) sheet sections, or vice versa, along the opening end of the bag. The opening end comes at the top when the bag is in an upright state. The respective zipper tapes are bonded together at a position (9) below the engaging section (10) of the zipper tapes with heat sealing strength of a degree that allows the zipper tapes to be manual peeling apart, in such a manner that they may be manually peeled apart by an interface peeling action, an interlayer peeling action, or a cohesive peeling action. <IMAGE>

IPC 1-7
B65D 33/25; **B65D 33/34**

IPC 8 full level
B65D 33/25 (2006.01); **B65D 33/34** (2006.01)

CPC (source: EP US)
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Citation (search report)

- [XY] EP 1132310 A2 20010912 - REYNOLDS CONSUMER PROD [US]
- [Y] US 5887980 A 19990330 - MAY TIMOTHY J [US]
- [Y] US 4710968 A 19871201 - BORCHARDT MICHAEL G [US], et al
- [A] US 5701996 A 19971230 - GOTO SHUICHI [JP], et al
- [X] US 5525363 A 19960611 - HERBER TERRENCE W [US], et al
- [A] EP 0371402 A2 19900606 - IDEMITSU PETROCHEMICAL CO [JP]

Cited by
DE10325175B4; EP1712483A1; FR2884498A1; US7610662B2; WO2008060752A1; WO2012050463A1

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