

Title (en)

A package container provided with a strip-type opening arrangement.

Title (de)

Verpackungsbehälter mit einer Öffnungsvorrichtung aus Streifentyp.

Title (fr)

Récipient d'emballage comportant un dispositif d'ouverture de type languette.

Publication

EP 0471274 A1 19920219 (EN)

Application

EP 91113209 A 19910806

Priority

SE 9002640 A 19900814

Abstract (en)

The disclosure relates to a package container provided with an opening arrangement and consisting of a plastic-coated packaging material, comprising a sealing fin (3) extending transversely over a container wall (4) and in which there is inlaid an opening strip (10) of laminate material whose pull-off entails that the sealing fin closing the container wall (4) is unseated for exposing a corresponding pour aperture. The opening strip (10) includes an inner layer (14) and outer sealable plastic coatings (15) and an intermediary layer (16) disposed between the inner layer (14) and each respective outer plastic coating (15). In order to facilitate opening of the package container, the intermediary layer (16) of the opening strip (10) consists of a material of such properties that the bonding strength between all material layers included in the opening strip and between the outer thermoplastic coatings (15) and opposing plastic coatings (12) of the packaging material in the sealing fin (3) is greater than the internally cohesive bonding strength of the intermediary layer (16), whereby the opening strip (10) undergoes a cohesive delamination within the intermediary layer (16) when the opening strip is pulled-off. <IMAGE> <IMAGE>

IPC 1-7

B65D 5/70; **B65D 5/74**

IPC 8 full level

B65D 5/70 (2006.01); **B65D 5/06** (2006.01); **B65D 5/74** (2006.01)

CPC (source: EP KR)

B65D 5/065 (2013.01 - EP); **B65D 5/74** (2013.01 - KR); **B65D 5/745** (2013.01 - EP)

Citation (search report)

- US 4872562 A 19891010 - WYBERG GREGORY R [US]
- EP 0352245 A2 19900124 - AKERLUND & RAUSING AB [SE]
- SE 459916 B 19890821 - ROBY TEKNIK AB [SE]
- SE 451064 B 19870831 - TETRA PAK INT [SE]

Cited by

US5917512A; EP0583575A1; US5322214A; US7866473B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0471274 A1 19920219; **EP 0471274 B1 19950628**; AT E124357 T1 19950715; AU 642283 B2 19931014; AU 8177091 A 19920220; CA 2048961 A1 19920215; CA 2048961 C 20001121; CS 252091 A3 19920415; CZ 282286 B6 19970611; DE 69110791 D1 19950803; DE 69110791 T2 19951123; DK 0471274 T3 19950828; ES 2073624 T3 19950816; HU 213549 B 19970728; HU 912695 D0 19920128; HU T66629 A 19941228; JP 3012369 B2 20000221; JP H06211239 A 19940802; KR 920004245 A 19920327; KR 970010224 B1 19970623; NO 300887 B1 19970811; NO 913105 D0 19910809; NO 913105 L 19920217; RU 2039687 C1 19950720; SE 466800 B 19920406; SE 9002640 D0 19900814; SE 9002640 L 19920215; SK 278718 B6 19980114; TW 217997 B 19931221; YU 139391 A 19950131; YU 48178 B 19970731

DOCDB simple family (application)

EP 91113209 A 19910806; AT 91113209 T 19910806; AU 8177091 A 19910813; CA 2048961 A 19910812; CS 252091 A 19910814; DE 69110791 T 19910806; DK 91113209 T 19910806; ES 91113209 T 19910806; HU 269591 A 19910813; JP 20432091 A 19910814; KR 910014021 A 19910814; NO 913105 A 19910809; SE 9002640 A 19900814; SK 252091 A 19910814; SU 5001645 A 19910813; TW 80107701 A 19910930; YU 139391 A 19910813