

Title (en)

CONTAINER MANUFACTURED FROM A PLASTIC COATED FIBROUS MATERIAL AND PROVIDED WITH A LONGITUDINAL JOINT WITH A FOLDED BACK PORTION, THE CONTAINER BEING ALSO PROVIDED WITH A TEARABLE PORTION FACILITATING THE OPENING; PROCESS FOR THE MANUFACTURE OF SUCH A TEARABLE PORTION

Publication

EP 0179240 A3 19880727 (DE)

Application

EP 85111159 A 19850904

Priority

DE 3439102 A 19841025

Abstract (en)

[origin: US4666044A] The invention relates to a tear-open flap orifice on packs consisting of plastic-coated laminated material with a folded-round fillet-seam closure (10), there being in a first seam region (14) at least one full cut and in a second seam region (15) at least one weakening line in the form of a half cut which extends beyond the second seam region into the region of the first pack surface in contact with the filling material of the pack. As a result of an appropriate arrangement of the full cuts and half cuts, an easy-to-handle tear-open flap orifice is obtained by simple means for the entire range from drinking-straw, pour-out, drinking and spoon orifices to separating-strip orifices on freeze packs.

IPC 1-7

B65D 5/06

IPC 8 full level

B65D 5/54 (2006.01); **B65D 5/06** (2006.01); **B65D 5/74** (2006.01)

CPC (source: EP US)

B65D 5/065 (2013.01 - EP US)

Citation (search report)

- [Y] US 3085733 A 19630416 - MARTIN UMANOFF
- [Y] US 4245743 A 19810120 - HEUBERGER ERICH
- [A] US 3604613 A 19710914 - HAAS HENRY J, et al
- [A] DE 2309966 A1 19740905 - MICKENHAGEN ERNST
- [A] US 4027455 A 19770607 - RAUSING RUBEN, et al
- [A] CH 424619 A 19661115 - TEPAR AG [CH]
- [A] EP 0032768 A1 19810729 - TETRA PAK INT [SE]

Cited by

DE10126740C1; US6062470A; US6446860B1; US6766941B1; US6419152B1; US6241646B1

Designated contracting state (EPC)

AT CH FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0179240 A2 19860430; EP 0179240 A3 19880727; EP 0179240 B1 19900725; AT E54890 T1 19900815; AU 4831885 A 19860501; AU 575690 B2 19880804; BR 8505317 A 19860805; DE 3439102 A1 19860430; DE 3439102 C2 19881027; ES 296937 U 19880216; ES 296937 Y 19881116; FI 854030 A0 19851016; FI 854030 L 19860426; JP S61104943 A 19860523; MX 163966 B 19920707; US 4666044 A 19870519; ZA 857260 B 19861230

DOCDB simple family (application)

EP 85111159 A 19850904; AT 85111159 T 19850904; AU 4831885 A 19851004; BR 8505317 A 19851024; DE 3439102 A 19841025; ES 296937 U 19851024; FI 854030 A 19851016; JP 23651585 A 19851024; MX 36385 A 19851023; US 78690285 A 19851011; ZA 857260 A 19850920