

Title (en)

Packaging bag, and method of and apparatus for manufacturing the same

Title (de)

Verpackungsbeutel sowie Verfahren und Vorrichtung zu dessen Herstellung

Title (fr)

Sachet d'emballage, procédé et dispositif pour sa fabrication

Publication

EP 1375366 A1 20040102 (EN)

Application

EP 03011985 A 20030528

Priority

- EP 03011985 A 20030528
- EP 02254428 A 20020625

Abstract (en)

A packaging bag (1) comprises a first ply (2) and a second ply (3) joined along an edge (1a) defining the closed end of the bag and along side edges (4,5) of the bag. A mouth of the bag has a first edge (6) on the first ply (2) and a second edge (7) on the second ply (3), which projects beyond the first edge (6) and comprises a folded over film portion. The margin (7a) of the second edge portion (7) is disposed adjacent the first edge (6) so as to provide a substantially constant thickness of the bag across the mouth and projecting portion (7). <IMAGE> <IMAGE>

IPC 1-7

B65D 33/00; B31B 23/00; B65D 75/00; B65D 75/58; B65B 43/34

IPC 8 full level

B31B 23/00 (2006.01); **B65B 9/08** (2006.01); **B65B 9/093** (2012.01); **B65D 33/00** (2006.01); **B65D 75/00** (2006.01); **B65D 75/52** (2006.01);
B65D 75/58 (2006.01)

CPC (source: EP US)

B31B 70/00 (2017.07 - EP); **B65B 9/093** (2013.01 - EP US); **B65D 33/007** (2013.01 - EP); **B65D 75/002** (2013.01 - EP);
B65D 75/52 (2013.01 - EP); **B65D 75/58** (2013.01 - EP); **B65D 75/5827** (2013.01 - EP); **B31B 70/14** (2017.07 - EP); **B31B 70/18** (2017.07 - EP);
B31B 70/64 (2017.07 - EP); **B31B 70/642** (2017.07 - EP); **B31B 70/81** (2017.07 - EP); **B31B 2155/00** (2017.07 - EP);
B31B 2155/003 (2017.07 - EP); **B31B 2160/10** (2017.07 - EP US)

Citation (search report)

- [XY] US 4616472 A 19861014 - OWENSBY JOSEPH E [US], et al
- [X] GB 2128575 A 19840502 - GRACE W R & CO
- [X] US 3647060 A 19720307 - KIELY ROBERT R
- [X] DE 19618814 A1 19971113 - AUTO COVER GMBH PRODUKTION UND [DE]
- [DYA] US 6260705 B1 20010717 - MONTEPIANI MAURO [IT], et al
- [A] DE 1486527 A1 19690424 - MITTELRHEINISCHE PLASTIK GMBH
- [A] US 3358906 A 19671219 - FAIERS JOHN A
- [A] DE 1940404 A1 19710422 - HERKULES PAPIERSACKFABRIKEN BR
- [A] US 2873566 A 19590217 - SYLVESTER JOHN D, et al
- [A] US 6363694 B1 20020402 - RIEDINGER ROSS [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 016, no. 049 (C - 0908) 7 February 1992 (1992-02-07)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 06 30 June 1997 (1997-06-30)

Cited by

CN115489774A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1375366 A1 20040102

DOCDB simple family (application)

EP 03011985 A 20030528