

Title (en)
Tubular bag for liquids

Title (de)
Schlauchförmiger Beutel für Flüssigkeiten

Title (fr)
Sachet tubulaire pour liquides

Publication
EP 1362797 A3 20040317 (DE)

Application
EP 03010827 A 20030514

Priority

- DE 10221432 A 20020514
- DE 20212251 U 20020808
- DE 20212250 U 20020808
- DE 20214197 U 20020913

Abstract (en)
[origin: EP1362797A2] The bag (10) has a hose-form part (14) made of one piece of foil, the long edges (15, 16) of which are sealed one over the other to form a lap seal (inside to outside) or fin seal (inside to inside). A relatively rigid cover (17) has an opening cap (11). The top of the cover is welded to the edge of the bag so that it is sealed against the escape of liquid.

IPC 1-7
B65D 75/00; **B65D 30/16**; **B65D 30/20**; **B65D 33/38**; **B31B 1/64**

IPC 8 full level
B31B 19/64 (2006.01); **B31B 19/84** (2006.01); **B31B 29/00** (2006.01); **B31B 37/00** (2006.01); **B31B 50/59** (2017.01); **B31B 50/64** (2017.01); **B65D 3/10** (2006.01); **B65D 75/00** (2006.01); **B65D 75/58** (2006.01)

CPC (source: EP US)
B65D 3/10 (2013.01 - EP US); **B65D 75/008** (2013.01 - EP); **B65D 75/5877** (2013.01 - EP); **B65D 75/5883** (2013.01 - EP); **B31B 50/59** (2017.07 - EP); **B31B 70/64** (2017.07 - EP); **B31B 70/844** (2017.07 - EP); **B31B 2150/00** (2017.07 - EP); **B31B 2160/20** (2017.07 - EP); **B31B 2170/20** (2017.07 - EP US)

Citation (search report)

- [XDY] AT 293944 B 19711025 - SPIESS C F & SOHN [DE]
- [Y] DE 1723470 U 19560530 - BEBO PLASTIK G M B H [DE]
- [X] DE 20212251 U1 20030102
- [Y] DE 20214197 U1 20021121
- [A] EP 0772522 A1 19970514 - TRANI GIORGIO [IT]
- [Y] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 08 5 August 2002 (2002-08-05)

Cited by
EP1426301A1; JP2011073784A; CN104736446A; EP2177454A1; US7543990B2; WO2007071241A1; WO2006103020A1; WO2006092257A1; WO2008025369A1; US8245872B2; DE202011109209U1; WO2013087216A1

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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

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