

Title (en)

PACKAGE, SUCH AS A BAG, WITH ORIENTED TEAR-OPENING

Title (de)

VERPACKUNG, WIE ZUM BEISPIEL BEUTEL, MIT AUSGERICHTETER AUFREISSÖFFNUNG

Title (fr)

EMBALLAGE A OUVERTURE PAR DECHIRURE ORIENTEE

Publication

EP 1458627 B1 20070418 (FR)

Application

EP 02801072 A 20021120

Priority

- FR 0203966 W 20021120
- FR 0115383 A 20011128

Abstract (en)

[origin: US2005031232A1] A package forming a container with two side walls, a base and a top opening, the container being made from a hand tearable material, and having an incipient tear tab for first opening of the package once it is filled and sealed. Each side wall has at least a first stiffening element locally reinforcing the material, the stiffening element being selected such that the propagation energy of the incipient tear tab is lower than the rupture energy of the stiffening element. Each side wall includes means for guiding the incipient tear tab on first opening, with the incipient tear tab located between the first stiffening element and the guide means, so that the tear tab is guided.

IPC 8 full level

B65D 75/58 (2006.01); **B31B 19/20** (2006.01); **B31B 19/90** (2006.01); **B65B 9/08** (2006.01); **B65B 61/18** (2006.01); **B65D 17/28** (2006.01); **B65D 33/25** (2006.01); **B65D 65/30** (2006.01); **B65D 65/32** (2006.01); **B65D 65/40** (2006.01); **B65D 75/60** (2006.01); **B65D 75/00** (2006.01); **B65D 75/68** (2006.01)

CPC (source: EP US)

B65D 33/2533 (2013.01 - EP US); **B65D 75/5805** (2013.01 - EP US); **B31B 70/20** (2017.07 - EP US); **B31B 70/81** (2017.07 - EP US); **B65D 75/008** (2013.01 - EP US); **B65D 75/68** (2013.01 - EP US)

Cited by

US11554038B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 2005031232 A1 20050210; AT E359972 T1 20070515; AU 2002364791 A1 20030610; DE 60219688 D1 20070531; DE 60219688 T2 20071227; EP 1458627 A2 20040922; EP 1458627 B1 20070418; ES 2286329 T3 20071201; FR 2832698 A1 20030530; FR 2832698 B1 20040709; WO 03045816 A2 20030605; WO 03045816 A3 20040122; WO 03045816 A8 20040603

DOCDB simple family (application)

US 49543604 A 20040527; AT 02801072 T 20021120; AU 2002364791 A 20021120; DE 60219688 T 20021120; EP 02801072 A 20021120; ES 02801072 T 20021120; FR 0115383 A 20011128; FR 0203966 W 20021120