

Title (en)
TUBULAR BAG CONSISTING OF A MULTI-LAYERED FILM

Title (de)
SCHLAUCHBEUTEL AUS EINEM MEHRSCICHTIGEN FILM

Title (fr)
SACHET TUBULAIRE CONSTITUÉ D'UNE FEUILLE MULTICOUCHE

Publication
EP 2076379 A1 20090708 (DE)

Application
EP 07818442 A 20070926

Priority

- EP 2007008358 W 20070926
- EP 06405412 A 20060928
- EP 07818442 A 20070926

Abstract (en)
[origin: EP1905577A1] The tubular bag for packing aggressive fillers, salt snacks, chips, hard cheese, cereals, muesli, powder mixtures for beverages, pastries, ground coffee, coffee beans and sugar confectionery, comprises a multi-layered film. A part of the layers of the multi-layered film is a 3B-film having an inner layer, a core layer, an outer layer and a maximum shrinkage degree of no more than 1%. The 3B-film is coated with a further layer in curtain process or in slot die coating process. The 3B-film and/or the further layer are printed and/or are provided with thermo protective lacquer. The tubular bag for packing aggressive fillers, salt snacks, chips, hard cheese, cereals, muesli, powder mixtures for beverages, pastries, ground coffee, coffee beans and sugar confectionery, comprises a multi-layered film. A part of the layers of the multi-layered film is a 3B-film having an inner layer, a core layer, an outer layer and a maximum shrinkage degree of no more than 1%. The 3B-film is coated with a further layer in curtain process or in slot die coating process. The 3B-film and/or the further layer are printed and/or are provided with thermo protective lacquer and consist of complete biodegradable polymers. The inner layer is a heat-sealing layer.

IPC 8 full level
B32B 1/08 (2006.01); **B29C 55/28** (2006.01); **B32B 15/08** (2006.01)

CPC (source: EP)
B29C 55/28 (2013.01); **B32B 1/08** (2013.01); **B32B 15/08** (2013.01); **B32B 27/32** (2013.01); **B65D 65/40** (2013.01); **B65D 65/466** (2013.01); **B29L 2009/00** (2013.01); **B32B 2038/0092** (2013.01); **B32B 2307/7163** (2013.01); **B32B 2553/00** (2013.01); **Y02A 40/90** (2017.12); **Y02W 90/10** (2015.05)

Citation (search report)
See references of WO 2008037441A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1905577 A1 20080402; EP 2076379 A1 20090708; WO 2008037441 A1 20080403

DOCDB simple family (application)
EP 06405412 A 20060928; EP 07818442 A 20070926; EP 2007008358 W 20070926