

Title (en)

METHOD FOR MANUFACTURING DRAW STRING BAGS AS WELL AS A DRAW STRING BAG

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ZUGBANDBEUTELN SOWIE ZUGBANDBEUTEL

Title (fr)

PROCÉDÉ DE FABRICATION DE SACS À CORDON DE FERMETURE AINSI QUE SAC À CORDON DE FERMETURE

Publication

EP 2454163 B1 20180124 (EN)

Application

EP 10734024 A 20100713

Priority

- DK 2010050185 W 20100713
- EP 09165531 A 20090715
- EP 10734024 A 20100713

Abstract (en)

[origin: EP2275356A1] Method for manufacturing draw string bags comprising the steps of providing a plastic material, extruding the plastic material to a longitudinal tubular foil (2), cutting (104) longitudinally at least two strips (10, 11) from said tubular foil, thereby providing a U-profiled foil (3) having two legs with an inner side (16), an outer side (17) and a free cut edge (18), leading (106) the at least two strips on either outer side of said legs adjacent the free cut edge, folding (108) the foil adjacent the free cut edges over said strips to form hems (8) and sealing the hems (8) to form tubular channels (19) in which the strips extend, thus forming draw strings (9), and sealing (110) transversely the U-profiled foil to provide a plurality of bags.

IPC 8 full level

B31B 70/81 (2017.01); **B65D 33/28** (2006.01); **B31B 155/00** (2017.01); **B31B 160/10** (2017.01)

CPC (source: EP US)

B31B 70/00 (2017.07 - EP US); **B65D 33/28** (2013.01 - EP); **B31B 70/8135** (2017.07 - EP); **B31B 70/8137** (2017.07 - EP); **B31B 2155/00** (2017.07 - EP); **B31B 2155/003** (2017.07 - EP); **B31B 2160/10** (2017.07 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

EP 2275356 A1 20110119; DK 2454163 T3 20180514; EP 2454163 A1 20120523; EP 2454163 B1 20180124; ES 2667023 T3 20180509; PL 2454163 T3 20180928; WO 2011006505 A1 20110120

DOCDB simple family (application)

EP 09165531 A 20090715; DK 10734024 T 20100713; DK 2010050185 W 20100713; EP 10734024 A 20100713; ES 10734024 T 20100713; PL 10734024 T 20100713