

Title (en)

METHOD FOR THE PRODUCTION OF BAGS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SÄCKEN

Title (fr)

PROCEDE POUR PRODUIRE DES SACHETS

Publication

EP 1597059 A1 20051123 (DE)

Application

EP 04710870 A 20040213

Priority

- EP 2004002083 W 20040213
- DE 10306615 A 20030214

Abstract (en)

[origin: WO2004071752A1] The invention relates to a method for producing a bag (25,40) made of a polymer and/or metal film material. Said bag (25,40) is closed at the bottom end thereof and is provided with four outer walls (A-D) that are connected by means of four seams (27). The novelty of the invention lies in the fact that the material (A-E) needed to make the bag is fed to an unwinding device of a bottom-forming apparatus in the form of a film tube (25, 40) that is coiled on a reel while the bottom-forming apparatus separates the unwound tube into tube parts and seals at least one end of the bag.

IPC 1-7

B31B 27/00; B31B 23/00; B65D 30/10

IPC 8 full level

B31B 23/00 (2006.01); **B31B 27/00** (2006.01); **B31B 50/18** (2017.01); **B31B 50/62** (2017.01); **B65D 30/20** (2006.01)

CPC (source: EP US)

B65D 31/10 (2013.01 - EP US); **B31B 70/266** (2017.07 - EP US); **B31B 70/36** (2017.07 - EP US); **B31B 70/644** (2017.07 - EP US);
B31B 70/946 (2017.07 - EP US); **B31B 2150/002** (2017.07 - EP US); **B31B 2155/00** (2017.07 - EP US); **B31B 2155/003** (2017.07 - EP US);
B31B 2160/20 (2017.07 - EP US); **B31B 2170/10** (2017.07 - EP US); **Y10T 428/1307** (2015.01 - EP US)

Citation (search report)

See references of WO 2004071752A1

Cited by

CN113290943A

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)

WO 2004071752 A1 20040826; WO 2004071752 A8 20041111; DE 10306615 A1 20040902; DE 10306615 B4 20080612;
EP 1597059 A1 20051123; JP 2006517481 A 20060727; JP 4778414 B2 20110921; US 2006088676 A1 20060427; US 7837606 B2 20101123

DOCDB simple family (application)

EP 2004002083 W 20040213; DE 10306615 A 20030214; EP 04710870 A 20040213; JP 2006501982 A 20040213; US 54410105 A 20050802