

Title (en)
PLASTIC BAG WITH PRINTABLE INNER FACE

Title (de)
KUNSTSTOFFBEUTEL MIT BEDRUCKBARER INNENSEITE

Title (fr)
SACHET EN MATIÈRE PLASTIQUE À FACE INTÉRIEURE IMPRIMABLE

Publication
EP 2744721 B1 20150916 (DE)

Application
EP 13713738 A 20130308

Priority
• DE 202012003520 U 20120405
• EP 2013000681 W 20130308

Abstract (en)
[origin: WO2013149695A1] The invention relates to a plastic bag (1) with at least two walls (2, 3) which are connected by seams (4, 12) and which are made of a polyethylene monofilm or a layered film with a polyethylene layer on the inner face of the bag (1). The inner face is modified by a corona treatment or a similar printing pretreatment of the surface in order to improve the printability. The bag is designed to be usable with respect to the problematic heat sealability of printing-pretreated polyethylene surfaces to one another for the purpose of a machine-adapted processing with quick work cycles, such as the processing which is already used for unpretreated surfaces, by forming at least one seam between the pressure-pretreated inner faces of the walls (2, 3) as a sealing seam (12) with an intermediate layer (14) as a film made of a polyolefin which is not modified in the surface and the melting point of which does not lie above the melting point of the film of the plastic bag.

IPC 8 full level
B65D 33/00 (2006.01)

CPC (source: EP)
B65D 33/004 (2013.01)

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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 202012003520 U1 20130708; DK 2744721 T3 20151123; EP 2744721 A1 20140625; EP 2744721 B1 20150916; ES 2550235 T3 20151105; HR P20151372 T1 20160115; HU E026265 T2 20160628; PL 2744721 T3 20160129; RS 54255 B1 20160229; SI 2744721 T1 20151130; WO 2013149695 A1 20131010

DOCDB simple family (application)
DE 202012003520 U 20120405; DK 13713738 T 20130308; EP 13713738 A 20130308; EP 2013000681 W 20130308; ES 13713738 T 20130308; HR P20151372 T 20151214; HU E13713738 A 20130308; PL 13713738 T 20130308; RS P20150631 A 20130308; SI 201330078 T 20130308