

Title (en)

BAG MADE OF PAPER

Title (de)

PAPIERSACK

Title (fr)

SAC EN PAPIER

Publication

EP 2991911 B1 20170201 (DE)

Application

EP 14718510 A 20140410

Priority

- DE 202013004058 U 20130430
- EP 2014000966 W 20140410

Abstract (en)

[origin: WO2014177248A1] The invention relates to a paper sack (10) for bulk material, such as cement, granulate, animal feed or similar, having a bottom (12), preferably a cross bottom or block bottom, and having a top part (14) which lies opposite the bottom and in which optionally a valve hose (15) for filling the paper sack is arranged, wherein the paper sack comprises a coated paper layer (20) having a gas-tight coating that faces towards the inside of the sack, wherein the coating forms the surface of the inner wall of the paper sack in contact with the filling material, and wherein the coated paper layer has an overlap (22) that is adhesively secured effecting a seal towards the inside of the sack, and wherein in the region of the overlap the layer of the coated paper layer facing towards the inside of the sack has perforations (38) that are covered by the layer of the coated paper layer facing towards the outside of the sack.

IPC 8 full level

B65D 30/18 (2006.01); **B65D 30/24** (2006.01); **B65D 33/01** (2006.01)

CPC (source: EP US)

B65D 31/04 (2013.01 - US); **B65D 31/08** (2013.01 - EP US); **B65D 31/14** (2013.01 - EP US); **B65D 31/147** (2013.01 - US);
B65D 33/01 (2013.01 - EP US)

Cited by

US11401076B2

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 202013004058 U1 20140801; CN 105228913 A 20160106; CN 105228913 B 20170510; EP 2991911 A1 20160309;
EP 2991911 B1 20170201; HK 1220957 A1 20170519; JP 2016520487 A 20160714; JP 6454688 B2 20190116; MX 2015015080 A 20160225;
US 10071834 B2 20180911; US 2016083144 A1 20160324; WO 2014177248 A1 20141106

DOCDB simple family (application)

DE 202013004058 U 20130430; CN 201480024248 A 20140410; EP 14718510 A 20140410; EP 2014000966 W 20140410;
HK 16108946 A 20160727; JP 2016510959 A 20140410; MX 2015015080 A 20140410; US 201414787997 A 20140410