

Title (en)

VENTILATABLE VALVE BAG

Title (de)

ENTLÜFTBARER VENTILSACK

Title (fr)

SAC À VALVE SE PRÊTANT AU VIDE

Publication

EP 3630634 C0 20230802 (DE)

Application

EP 18730249 A 20180523

Priority

- DE 202017103128 U 20170523
- EP 2018063557 W 20180523

Abstract (en)

[origin: CA3064489A1] The invention relates to a ventilatable valve bag with a wall material (4) comprising at least one gas-permeable inner layer (6) that is impermeable to a filler material and at least one gas-impermeable outer layer (8) as well as two closing sides (10), a first closing side (10) being formed by closing the valve bag (2) and a second closing side (10) being arranged opposite the first closing side (10). An intermediate space (14) is formed between a part of the inner layer (6) defining an inner space (12) of the bag and the outer layer (8), and at least one ventilation channel (18) leading out of a wall material edge section (16) is arranged on at least one closing side (10) of the valve bag (2), between the inner layer (6) and the outer layer (8) of a wall material region, such that the intermediate space (14) can be ventilated to the surroundings.

IPC 8 full level

B65D 30/08 (2006.01); **B65D 30/18** (2006.01); **B65D 33/01** (2006.01)

CPC (source: EP US)

B65D 31/14 (2013.01 - EP US); **B65D 33/01** (2013.01 - EP US); **B31B 70/85** (2017.08 - US); **B31B 2160/20** (2017.08 - US);
B65D 31/08 (2013.01 - 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 RS SE SI SK SM TR

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

DE 202017103128 U1 20180824; AU 2018272943 A1 20191205; AU 2018272943 B2 20231116; CA 3064489 A1 20181129;
CN 110914166 A 20200324; CN 110914166 B 20220517; EP 3630634 A1 20200408; EP 3630634 B1 20230802; EP 3630634 C0 20230802;
ES 2961947 T3 20240314; NZ 759032 A 20210924; UA 127986 C2 20240306; US 11214407 B2 20220104; US 2020172297 A1 20200604;
WO 2018215560 A1 20181129

DOCDB simple family (application)

DE 202017103128 U 20170523; AU 2018272943 A 20180523; CA 3064489 A 20180523; CN 201880034507 A 20180523;
EP 18730249 A 20180523; EP 2018063557 W 20180523; ES 18730249 T 20180523; NZ 75903218 A 20180523; UA A201911192 A 20180523;
US 201816615154 A 20180523