

Title (en)
IMPROVED ANTI-STATIC PRESSURE TANK

Title (de)
VERBESSERTER ANTISTATISCHER DRUCKTANK

Title (fr)
RÉSERVOIR SOUS PRESSION ANTISTATIQUE AMÉLIORÉ

Publication
EP 3374685 A1 20180919 (DE)

Application
EP 17826416 A 20171213

Priority
• DE 102016125866 A 20161229
• DE 2017101069 W 20171213

Abstract (en)
[origin: WO2018121812A1] Pressure tank for storing high- and low-pressure liquids/gases, in particular LPG or CNG, comprising a hollow body (1) made of a thermoplastic material having at least one opening (11) with a circumferential contact surface (111), a respective connection piece (2) per opening (11), which has at least one respective through-opening (21) to the interior (13) of the hollow body (1) and which is joined face to face with a complementary section (26) by the contact surface (111), wherein the through-opening (21) has a diffuser (22) at a lower end, which closes the through-opening (21) in the axial direction and has openings (221) only pointing substantially in the radial direction, and an anti-static wall (27) is provided surrounding the diffuser (22) inside the hollow body (1), wherein the anti-static wall (27) is part of the connection piece (2) or the collar ring (23) or is secured to the coupling part (3) as a separate part.

IPC 8 full level
F17C 1/00 (2006.01)

CPC (source: EP KR US)
B65D 90/46 (2013.01 - US); **F17C 1/00** (2013.01 - EP KR); **F17C 1/06** (2013.01 - US); **F17C 1/16** (2013.01 - US); **B65D 2213/02** (2013.01 - US); **F17C 2203/0619** (2013.01 - EP KR US); **F17C 2203/066** (2013.01 - EP KR); **F17C 2203/0663** (2013.01 - EP KR US); **F17C 2205/0305** (2013.01 - EP KR US); **F17C 2223/0123** (2013.01 - EP KR US); **F17C 2223/036** (2013.01 - EP KR); **F17C 2225/043** (2013.01 - EP KR); **F17C 2260/042** (2013.01 - EP KR US); **F17C 2270/0168** (2013.01 - EP KR)

Citation (search report)
See references of WO 2018121812A1

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WO 2018121812 A1 20180705; AR 110688 A1 20190424; AU 2017389266 A1 20190718; AU 2017389266 B2 20230316; BR 112019013630 A2 20200121; CA 3048293 A1 20180705; CN 110312891 A 20191008; CN 110312891 B 20210824; DE 102016125866 A1 20180705; DE 112017006695 A5 20190919; EP 3374685 A1 20180919; EP 3374685 B1 20200812; JP 2020504800 A 20200213; JP 6987140 B2 20211222; KR 102439957 B1 20220906; KR 20190099315 A 20190826; PH 12019550104 A1 20200601; PT 3374685 T 20200929; SA 518400698 B1 20211024; US 11226069 B2 20220118; US 2019346083 A1 20191114

DOCDB simple family (application)
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