

Title (en)
TANK FILLING SYSTEM

Title (de)
TANKBEFÜLLSYSTEM

Title (fr)
SYSTEME DE REMPLISSAGE DE RESERVOIR

Publication
EP 2957539 B1 20170201 (DE)

Application
EP 15001819 A 20150619

Priority
DE 102014009357 A 20140620

Abstract (en)
[origin: US2015368007A1] The invention relates to a tank filling system having a protective cap and having a pouring spout. The protective cap has an end position wherein it partially covers the pouring spout, and wherein the protective cap has an opened position wherein it is removable from the pouring spout into a removed position. The pouring spout includes at least one valve, wherein the valve has a venting position and a closed valve position. In the venting position, the valve frees at least one passage for a fluid. In the closed valve position, the valve closes the passage. In the end position of the protective cap, the valve is in the closed valve position. During the adjustment of the protective cap from the end position into the opened position, the valve is forcibly adjusted at least temporarily into the venting position.

IPC 8 full level
B65D 25/42 (2006.01); **B65D 47/06** (2006.01); **B65D 47/12** (2006.01); **B67D 7/00** (2010.01)

CPC (source: EP RU US)
B65D 47/122 (2013.01 - US); **B65D 47/20** (2013.01 - US); **B65D 47/32** (2013.01 - RU US); **B67D 7/005** (2013.01 - EP US)

Cited by
NL2018467B1; EP3279136A1; CN107686086A; WO2018160059A1

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)
EP 2957539 A1 20151223; **EP 2957539 B1 20170201**; BR 102015014240 A2 20160202; BR 102015014240 B1 20210105;
CN 105197388 A 20151230; CN 105197388 B 20181019; DE 102014009357 A1 20151224; RU 2015123271 A 20170110;
RU 2015123271 A3 20181008; RU 2676412 C2 20181228; US 2015368007 A1 20151224; US 9694954 B2 20170704

DOCDB simple family (application)
EP 15001819 A 20150619; BR 102015014240 A 20150616; CN 201510343511 A 20150619; DE 102014009357 A 20140620;
RU 2015123271 A 20150617; US 201514744905 A 20150619