

Title (en)
TANK ASSEMBLY AND METERING SYSTEM FOR A REDUCING AGENT

Title (de)
TANKANORDNUNG UND DOSIERSYSTEM FÜR EIN REDUKTIONSMITTEL

Title (fr)
ENSEMBLE RÉSERVOIR ET SYSTÈME DE DOSAGE POUR RÉDUCTEUR

Publication
EP 2524117 A1 20121121 (DE)

Application
EP 10763154 A 20100920

Priority
• DE 102010004614 A 20100113
• EP 2010063824 W 20100920

Abstract (en)
[origin: WO2011085830A1] The invention relates to a device (1) for providing a liquid reducing agent, comprising a reducing agent tank (2) having a tank bottom (3) for storing a reducing agent, the tank bottom comprising a separate chamber (4), and a metering unit (6) for withdrawing reducing agent from the reducing agent tank (2) at a withdrawal point (7) arranged on the separate chamber (4), wherein the metering unit (6) is arranged within the separate chamber (4).

IPC 8 full level
F01N 3/20 (2006.01)

CPC (source: EP KR US)
F01N 3/20 (2013.01 - KR); **F01N 3/2066** (2013.01 - EP US); **F01N 3/28** (2013.01 - KR); **F01N 2610/02** (2013.01 - EP US); **F01N 2610/10** (2013.01 - EP US); **F01N 2610/1406** (2013.01 - EP US); **F01N 2610/1433** (2013.01 - EP US); **Y02A 50/20** (2017.12 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2011085830A1

Citation (examination)
• DE 102008031052 A1 20090122
• WO 2007141312 A1 20071213 - INERGY AUTOMOTIVE SYSTEMS RES [BE], et al

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011085830 A1 20110721; CN 102713181 A 20121003; CN 102713181 B 20150204; CN 104594989 A 20150506; CN 104594989 B 20180302; CN 104632330 A 20150520; CN 104632330 B 20180323; CN 104675482 A 20150603; CN 104675482 B 20170912; DE 102010004614 A1 20110714; EP 2524117 A1 20121121; IN 5222DEN2012 A 20151023; JP 2013517408 A 20130516; KR 101451073 B1 20141014; KR 101451074 B1 20141014; KR 20120112758 A 20121011; KR 20140052088 A 20140502; KR 20140052089 A 20140502; RU 2012134513 A 20140220; RU 2540343 C2 20150210; US 2012311999 A1 20121213; US 9127583 B2 20150908

DOCDB simple family (application)
EP 2010063824 W 20100920; CN 201080061170 A 20100920; CN 201510003673 A 20100920; CN 201510003674 A 20100920; CN 201510004879 A 20100920; DE 102010004614 A 20100113; EP 10763154 A 20100920; IN 5222DEN2012 A 20120613; JP 2012548360 A 20100920; KR 20127020628 A 20100920; KR 20147010501 A 20100920; KR 20147010502 A 20100920; RU 2012134513 A 20100920; US 201213548411 A 20120713