

Title (en)

METERING SYSTEM AND METHOD FOR OPERATING A METERING SYSTEM

Title (de)

DOSIERSYSTEM UND VERFAHREN ZUM BETREIBEN EINES DOSIERSYSTEMS

Title (fr)

SYSTÈME DE DOSAGE ET PROCÉDÉ DE MISE EN UVRE D'UN SYSTÈME DE DOSAGE

Publication

**EP 2150687 A1 20100210 (DE)**

Application

**EP 07846946 A 20071201**

Priority

- EP 2007010457 W 20071201
- DE 102006060838 A 20061222

Abstract (en)

[origin: DE102006060838A1] When in the venting mode, pump (10) operation causes liquid in the supply line (12) to be displaced by ambient air. In this mode the pump remains largely liquid-filled. In the dosing mode, fluid can return back to the storage tank (3) via a return line (14, 14'), from the dosing valve (4). In the venting mode, the return line can be vented. A suction line (5) extracts fluid from the storage tank in the dosing mode. In the venting mode, this line remains largely full. An independent claim IS INCLUDED FOR the corresponding method of operation.

IPC 8 full level

**F01N 3/20** (2006.01)

CPC (source: EP)

**F01N 3/2066** (2013.01); **F01N 3/208** (2013.01); **F01N 11/00** (2013.01); **F01N 2550/05** (2013.01); **F01N 2610/02** (2013.01); **F01N 2610/14** (2013.01); **F01N 2610/1466** (2013.01); **F01N 2610/1473** (2013.01); **F01N 2610/1493** (2013.01); **Y02A 50/20** (2017.12); **Y02T 10/12** (2013.01); **Y02T 10/40** (2013.01)

Citation (search report)

See references of WO 2008080477A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006060838 A1 20080626**; EP 2150687 A1 20100210; WO 2008080477 A1 20080710

DOCDB simple family (application)

**DE 102006060838 A 20061222**; EP 07846946 A 20071201; EP 2007010457 W 20071201