

Title (en)

METHOD FOR ACHIEVING INCREASED ACCURACY OF THE QUANTITY IN PRESSURE-CONTROLLED METERING SYSTEMS

Title (de)

VERFAHREN ZUR REALISIERUNG ERHÖHTER MENGENGENAUIGKEIT IN DRUCKGEREGELTEN DOSIERSYSTEMEN

Title (fr)

PROCÉDÉ D'AUGMENTATION DE LA PRÉCISION QUANTITATIVE DANS DES SYSTÈMES DE DOSAGE À PRESSION RÉGULÉE

Publication

EP 3529469 A1 20190828 (DE)

Application

EP 17767806 A 20170912

Priority

- DE 102016220795 A 20161024
- EP 2017072835 W 20170912

Abstract (en)

[origin: WO2018077526A1] The invention relates to a method for operating a pressurized metering system, comprising a conveyor module, a metering valve and a pressure sensor, wherein, during a pressure control, an adaptation of the control of the metering valve that is subject to tolerances is carried out with the aim of improving the integral accuracy of the metered quantity.

IPC 8 full level

F01N 3/20 (2006.01); **F01N 9/00** (2006.01); **F01N 11/00** (2006.01)

CPC (source: EP KR)

F01N 3/2066 (2013.01 - EP); **F01N 3/208** (2013.01 - EP KR); **F01N 9/00** (2013.01 - EP KR); **F01N 11/00** (2013.01 - EP KR); **F01N 2550/05** (2013.01 - EP KR); **F01N 2560/08** (2013.01 - EP KR); **F01N 2610/02** (2013.01 - EP KR); **F01N 2610/144** (2013.01 - EP KR); **F01N 2610/146** (2013.01 - EP KR); **F01N 2900/0402** (2013.01 - EP KR); **F01N 2900/0408** (2013.01 - EP KR); **F01N 2900/0418** (2013.01 - EP KR); **F01N 2900/1808** (2013.01 - EP KR); **F01N 2900/1812** (2013.01 - EP KR); **F01N 2900/1821** (2013.01 - EP KR); **F01N 2900/1822** (2013.01 - EP KR); **Y02T 10/12** (2013.01 - EP KR); **Y02T 10/40** (2013.01 - EP KR)

Citation (search report)

See references of WO 2018077526A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102016220795 A1 20180426; CN 109844276 A 20190604; EP 3529469 A1 20190828; KR 20190068608 A 20190618; WO 2018077526 A1 20180503

DOCDB simple family (application)

DE 102016220795 A 20161024; CN 201780065616 A 20170912; EP 17767806 A 20170912; EP 2017072835 W 20170912; KR 20197014408 A 20170912