

Title (en)

ADDITIVE INJECTION DEVICE AND METHOD FOR FUELING FACILITY

Title (de)

ADDITIVEEINSPIRITZVORRICHTUNG UND -VERFAHREN FÜR EINE BRENNSTOFFVERSORGUNGSANLAGE

Title (fr)

DISPOSITIF ET PROCÉDÉ D'INJECTION D'ADDITIF POUR INSTALLATION DE RAVITAILLEMENT EN CARBURANT

Publication

EP 3050842 A1 20160803 (EN)

Application

EP 14848743 A 20140929

Priority

- CN 201310456699 A 20130929
- CN 2014087837 W 20140929

Abstract (en)

An additive injection device for a fueling facility and a method for injecting an additive into fuel. The additive injection device comprises: a storage tank for storing an additive; a pump connected to the storage tank; and a controller connected to the pump, the controller starting additive injection in response to fueling start at a fueling facility, and terminating additive injection in response to fueling termination at the fueling facility, and further controlling the amount of the filled additive injected into the fuel in the fueling facility. The additive injection device and the method for injecting an additive into fuel can improve comfortableness and safety during additive adding.

IPC 8 full level

B67D 7/04 (2010.01); **B67D 7/22** (2010.01); **B67D 7/32** (2010.01); **B67D 7/74** (2010.01); **B67D 7/84** (2010.01)

CPC (source: EP)

B67D 7/3236 (2013.01); **B67D 7/74** (2013.01); **B67D 7/84** (2013.01); **B67D 7/08** (2013.01); **B67D 2007/748** (2013.01)

Cited by

SE1950672A1; SE543664C2; WO2022243428A1

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)

EP 3050842 A1 20160803; EP 3050842 A4 20170426; AR 097849 A1 20160420; AU 2014327956 A1 20160512;
BR 112016006729 A2 20170801; CN 104512857 A 20150415; WO 2015043539 A1 20150402

DOCDB simple family (application)

EP 14848743 A 20140929; AR P140103620 A 20140930; AU 2014327956 A 20140929; BR 112016006729 A 20140929;
CN 201310456699 A 20130929; CN 2014087837 W 20140929