

Title (en)

ANTI-CLOGGING DEVICE FOR DIESEL EXHAUST FLUID SUPPLY

Title (de)

VERSTOPFUNGSSCHUTZVORRICHTUNG FÜR EINEN DIESELABGASFLÜSSIGKEITSBEHÄLTER

Title (fr)

DISPOSITIF ANTI-OBSTRUCTION POUR APPAREIL D'ALIMENTATION EN FLUIDE D'ÉCHAPPEMENT DIESEL

Publication

**EP 3126645 A1 20170208 (EN)**

Application

**EP 15774127 A 20150327**

Priority

- US 201461975152 P 20140404
- US 2015023042 W 20150327

Abstract (en)

[origin: WO2015153350A1] An apparatus for supplying Diesel Exhaust Fluid to an engine exhaust gas treatment system includes a reservoir to collect trapped air if the dosing module is clogged with crystalized urea. The reservoir is placed at the dosing valve inlet on a T-connection. The reservoir provides a closed chamber to receive trapped air in the DEF supply line, allowing DEF to flow to the dosing module. When DEF contacts the crystallized urea causing the clog, the urea dissolves, freeing the injector so that normal action of the dosing module is restored.

IPC 8 full level

**F01N 3/28** (2006.01)

CPC (source: EP US)

**F01N 3/2066** (2013.01 - EP US); **F01N 2610/00** (2013.01 - EP); **F01N 2610/02** (2013.01 - EP US); **F01N 2610/08** (2013.01 - EP US); **F01N 2610/14** (2013.01 - EP); **F01N 2610/1406** (2013.01 - US); **F01N 2610/1433** (2013.01 - US); **F01N 2610/1493** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2015153350 A1 20151008**; EP 3126645 A1 20170208; EP 3126645 A4 20180117; US 2017002710 A1 20170105

DOCDB simple family (application)

**US 2015023042 W 20150327**; EP 15774127 A 20150327; US 201515125605 A 20150327