

Title (en)

DEVICE FOR INTRODUCING A FREEZABLE LIQUID INTO THE EXHAUST GAS SYSTEM OF A MOTOR VEHICLE

Title (de)

EINRICHTUNG ZUR EINFÜHRUNG EINER GEFRIERFÄHIGEN FLÜSSIGKEIT IN DAS ABGASSYSTEM EINES KRAFTFAHRZEUGES

Title (fr)

DISPOSITIF D'INTRODUCTION D'UN LIQUIDE POUVANT GELER DANS LE SYSTÈME D'ÉCHAPPEMENT D'UN VÉHICULE AUTOMOBILE

Publication

**EP 3049773 A1 20160803 (DE)**

Application

**EP 14772350 A 20140925**

Priority

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- EP 2014070429 W 20140925

Abstract (en)

[origin: WO2015044240A1] The invention relates to a device for introducing a freezable liquid into the exhaust gas system of a motor vehicle. The device has a tank (1) for receiving the freezable liquid and a sensor (7) for determining the concentration and/or the fill state of the freezable liquid in the tank. Furthermore, a dome-shaped ice protector (2) is provided for protecting the sensor part (8, 9, 10, 11) which can be found in the tank. The ice protector is designed as an integral part together with the sensor base or the tank base, and the dome of the ice protector has a substantially completely open upper face. In this manner, the functional reliability of the device is increased.

IPC 8 full level

**G01F 23/296** (2006.01)

CPC (source: EP US)

**F01N 3/206** (2013.01 - US); **F01N 3/2896** (2013.01 - US); **G01F 23/296** (2013.01 - US); **G01F 23/2962** (2013.01 - EP); **G01N 29/024** (2013.01 - EP); **G01N 2291/0228** (2013.01 - EP); **G01N 2291/02809** (2013.01 - EP); **G01N 2291/02836** (2013.01 - EP); **G01N 2291/045** (2013.01 - EP)

Citation (search report)

See references of WO 2015044240A1

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