

Title (en)

DEVICE AND METHOD FOR THE ODORISATION OF A GAS CIRCULATING IN A PIPELINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ODORIERUNG EINES IN EINER ROHRLEITUNG ZIRKULIERENDEN GASES

Title (fr)

DISPOSITIF ET PROCÉDÉ D'ODORISATION D'UN GAZ EN CIRCULATION DANS UNE CANALISATION

Publication

**EP 3426414 B1 20200819 (FR)**

Application

**EP 17713354 A 20170308**

Priority

- FR 1651905 A 20160308
- FR 2017050512 W 20170308

Abstract (en)

[origin: WO2017153682A1] The invention relates to a device (100) for the odorisation of a gas circulating in a pipeline (200), comprising: a tank (105) for a liquid odorising compound; a means for detecting (140) differences in pressure between the pipeline (200) and the tank; a means (135) for pressurising the compound in the tank according to the pressure difference; a microperforated membrane (110) acting as an interface between the tank and an inner volume (115) of the pipeline; and a means (120) for vibrating the microperforated membrane in order to spray the liquid odorising compound, when it comes into contact with the membrane, into the pipeline.

IPC 8 full level

**B05B 17/00** (2006.01); **B05B 7/00** (2006.01); **C10L 3/00** (2006.01)

CPC (source: EP US)

**B05B 7/0075** (2013.01 - EP US); **B05B 17/0638** (2013.01 - EP US)

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

DOCDB simple family (publication)

**WO 2017153682 A1 20170914**; CA 3015943 A1 20170914; CN 109153032 A 20190104; EP 3426414 A1 20190116; EP 3426414 B1 20200819; FR 3048623 A1 20170915; MX 2018010898 A 20181109; US 10730067 B2 20200804; US 2019070627 A1 20190307

DOCDB simple family (application)

**FR 2017050512 W 20170308**; CA 3015943 A 20170308; CN 201780027144 A 20170308; EP 17713354 A 20170308; FR 1651905 A 20160308; MX 2018010898 A 20170308; US 201716083498 A 20170308