

Title (en)  
INSTALLATION FOR DEPOLLUTING EXHAUST GASES, PARTICULARLY OF AN INTERNAL COMBUSTION ENGINE, AND METHOD FOR USING SUCH AN INSTALLATION

Title (de)  
ANLAGE ZUR REINIGUNG VON ABGASEN, INSBESONDERE EINES VERBRENNUNGSMOTORS, UND VERFAHREN ZUR VERWENDUNG SOLCH EINER ANLAGE

Title (fr)  
INSTALLATION POUR LA DEPOLLUTION DES GAZ D'ECHAPPEMENT, NOTAMMENT DE MOTEUR A COMBUSTION INTERNE, ET PROCEDE POUR L'UTILISATION D'UNE TELLE INSTALLATION

Publication  
**EP 3503993 A1 20190703 (FR)**

Application  
**EP 17737581 A 20170711**

Priority  
• FR 1657969 A 20160826  
• EP 2017067356 W 20170711

Abstract (en)  
[origin: WO2018036712A1] The present invention relates to an installation for depolluting exhaust gases circulating in an exhaust line (10), particularly of an internal combustion engine, comprising at least one catalysing means for the selective catalytic reduction of nitrogen oxides (NOx), at least one means for eliminating particles, a main tank (26) comprising at least one particle reducing agent, and means (20) for introducing the reducing agent into the exhaust line. According to the invention, the installation comprises means (30) for additivation of the reducing agent.

IPC 8 full level  
**B01D 53/90** (2006.01); **B01D 53/94** (2006.01); **F01N 3/20** (2006.01)

CPC (source: EP KR US)  
**B01D 53/90** (2013.01 - EP KR US); **B01D 53/9431** (2013.01 - EP KR US); **F01N 3/035** (2013.01 - EP KR US); **F01N 3/105** (2013.01 - US); **F01N 3/106** (2013.01 - KR); **F01N 3/2066** (2013.01 - EP KR US); **F01N 3/2892** (2013.01 - EP KR US); **F01N 3/2896** (2013.01 - US); **B01D 2251/2062** (2013.01 - EP KR US); **F01N 3/106** (2013.01 - EP US); **F01N 2240/25** (2013.01 - US); **F01N 2610/01** (2013.01 - US); **F01N 2610/02** (2013.01 - EP KR US); **F01N 2610/03** (2013.01 - EP KR US); **F01N 2610/1406** (2013.01 - EP KR US); **F01N 2900/1806** (2013.01 - EP KR US); **Y02T 10/12** (2013.01 - EP KR US)

Citation (search report)  
See references of WO 2018036712A1

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)  
**WO 2018036712 A1 20180301**; CN 109689185 A 20190426; EP 3503993 A1 20190703; FR 3055220 A1 20180302; FR 3055220 B1 20200228; JP 2019532208 A 20191107; JP 7009450 B2 20220125; KR 102353657 B1 20220120; KR 20190039166 A 20190410; US 11092053 B2 20210817; US 2019178136 A1 20190613

DOCDB simple family (application)  
**EP 2017067356 W 20170711**; CN 201780052506 A 20170711; EP 17737581 A 20170711; FR 1657969 A 20160826; JP 2019510667 A 20170711; KR 20197005629 A 20170711; US 201716328075 A 20170711