

Title (en)

EXHAUST GAS AFTER-TREATMENT APPARATUS AND METHOD FOR EXHAUST GAS AFTER-TREATMENT

Title (de)

ABGASNACHBEHANDLUNGSVORRICHTUNG UND VERFAHREN ZUR ABGASNACHBEHANDLUNG

Title (fr)

DISPOSITIF DE POST-TRAITEMENT DE GAZ D'ÉCHAPPEMENT ET PROCÉDÉ DE POST-TRAITEMENT DE GAZ D'ÉCHAPPEMENT

Publication

EP 3215724 A1 20170913 (DE)

Application

EP 15781969 A 20151021

Priority

- DE 102014016448 A 20141106
- EP 2015074365 W 20151021

Abstract (en)

[origin: WO2016071112A1] Disclosed is an exhaust gas aftertreatment device (10) for an internal combustion engine, especially for a ship diesel engine running on heavy oil, comprising a housing (11), an exhaust gas chamber (12) which is defined by the housing (11) and through which exhaust gas continuously flows, entering therein via an inlet (13) and exiting therefrom via an outlet (14), further comprising a noise damping chamber (15) which is defined by the housing (11), is coupled to the exhaust gas chamber (12), and holds a fluid or a pourable solid at a certain fill level that depends on the frequency of the exhaust gas noise to be damped.

IPC 8 full level

F01N 1/02 (2006.01); **F01N 1/06** (2006.01); **F01N 1/16** (2006.01)

CPC (source: CN EP KR US)

F01N 1/02 (2013.01 - US); **F01N 1/023** (2013.01 - CN EP KR US); **F01N 1/06** (2013.01 - CN EP KR US); **F01N 1/161** (2013.01 - CN EP KR US); **F01N 2230/02** (2013.01 - CN EP KR US); **F01N 2230/04** (2013.01 - CN EP KR US); **F01N 2490/12** (2013.01 - CN EP KR US); **F01N 2590/02** (2013.01 - CN EP KR US)

Citation (search report)

See references of WO 2016071112A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016071112 A1 20160512; CN 107075994 A 20170818; CN 107075994 B 20200228; DE 102014016448 A1 20160512; DK 3215724 T3 20190318; EP 3215724 A1 20170913; EP 3215724 B1 20181212; JP 2017531758 A 20171026; JP 6594969 B2 20191023; KR 102004626 B1 20190726; KR 20170067892 A 20170616; US 10450911 B2 20191022; US 2017314434 A1 20171102

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