

Title (en)

DEVICE FOR WITHDRAWING WASTE GASES OF A MARINE ENGINE

Title (de)

VORRICHTUNG ZUM ABFÜHREN VON ABGASEN EINES SCHIFFSMOTORS

Title (fr)

DISPOSITIF POUR ÉVACUER LES GAZ D'ÉCHAPPEMENT D'UN MOTEUR DE BATEAU

Publication

EP 3120001 A1 20170125 (DE)

Application

EP 15707633 A 20150303

Priority

- DE 102014103602 A 20140317
- EP 2015054373 W 20150303

Abstract (en)

[origin: WO2015139944A1] The invention relates to a device (10) for withdrawing waste gases of a marine engine, comprising a waste gas channel (1) which extends from the marine engine to an board outlet (4), and a water trap (11) which has a collecting tank (3) which is arranged below an outlet connection (7) formed in the waste gas channel (1). The invention is characterised in that a slanting guide vane (6) is arranged inside the waste gas channel (1) on the side of the outlet connection (7) which faces the marine engine.

IPC 8 full level

B63H 21/34 (2006.01); **F01N 13/00** (2010.01); **F01N 13/08** (2010.01)

CPC (source: EP KR)

B63H 21/34 (2013.01 - KR); **F01N 13/004** (2013.01 - EP KR); **F01N 13/04** (2013.01 - KR); **F01N 13/082** (2013.01 - EP);
F01N 13/085 (2013.01 - EP KR); B63H 21/32 (2013.01 - EP); **F01N 3/04** (2013.01 - EP); **F01N 2240/22** (2013.01 - EP KR);
F01N 2470/20 (2013.01 - EP KR); **F01N 2590/02** (2013.01 - EP KR)

Citation (search report)

See references of WO 2015139944A1

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)

DE 102014103602 A1 20150917; EP 3120001 A1 20170125; EP 3120001 B1 20180606; ES 2682681 T3 20180921; KR 101972208 B1 20190424;
KR 20160130497 A 20161111; WO 2015139944 A1 20150924

DOCDB simple family (application)

DE 102014103602 A 20140317; EP 15707633 A 20150303; EP 2015054373 W 20150303; ES 15707633 T 20150303;
KR 20167028321 A 20150303