

Title (en)  
Submarine

Title (de)  
Unterseeboot

Title (fr)  
Submersible

Publication  
**EP 2586698 A3 20140611 (DE)**

Application  
**EP 12187805 A 20121009**

Priority  
DE 102011085529 A 20111031

Abstract (en)  
[origin: EP2586698A2] The submarine (2) has a pressure hull (4) and a device which uses or produces a noxious gas. The device is arranged within the pressure hull in a closed space (8). Units for converting noxious gas or adsorption of noxious gas are arranged in the closed space. The device is a methanol reformer or a fuel cell system. The units for converting noxious gas or adsorption of noxious gas are a part of an air circulation device arranged in the closed space. The air circulation device has an air cooler.

IPC 8 full level  
**B63G 8/08** (2006.01)

CPC (source: EP KR)  
**B63G 8/08** (2013.01 - EP KR); **B63G 8/36** (2013.01 - KR)

Citation (search report)  
[X] DE 102005019484 B3 20060713 - HOWALDTSWERKE DEUTSCHE WERFT [DE]

Cited by  
DE102017202911A1; EP3585682B1

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)  
**EP 2586698 A2 20130501; EP 2586698 A3 20140611; EP 2586698 B1 20181205**; DE 102011085529 A1 20130502;  
DE 102011085529 B4 20131212; ES 2712558 T3 20190513; KR 101572255 B1 20151126; KR 20130047582 A 20130508;  
PL 2586698 T3 20190531; TR 201902692 T4 20190321

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**EP 12187805 A 20121009**; DE 102011085529 A 20111031; ES 12187805 T 20121009; KR 20120114543 A 20121016; PL 12187805 T 20121009;  
TR 201902692 T 20121009