

Title (en)  
UNDERWATER VEHICLE INTERNAL ASSEMBLY FITTED WITH A SYSTEM FOR TREATING AMBIENT GAS AND ASSOCIATED TREATMENT METHOD

Title (de)  
INNENANORDNUNG EINES UNTERWASSERFAHRZEUGS MIT SYSTEM ZUR BEHANDLUNG VON UMGEBUNGSGAS UND ZUGEHÖRIGES VERFAHREN

Title (fr)  
ENSEMBLE INTÉRIEUR D'ENGIN SOUS-MARIN MUNI D'UN SYSTÈME DE TRAITEMENT DE GAZ AMBIANT ET PROCÉDÉ DE TRAITEMENT ASSOCIÉ

Publication  
**EP 2707280 A1 20140319 (FR)**

Application  
**EP 12719768 A 20120511**

Priority  
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• EP 2012058801 W 20120511

Abstract (en)  
[origin: WO2012152930A1] This assembly comprises a chamber (40) delimiting an internal volume (24) containing an ambient gas and a system (42) for treating the ambient gas. The treatment system (42) comprises an upstream inlet (68) for drawing off ambient gas from the chamber (40), a device (51) for treating the ambient gas and an assembly (50) for conveying the ambient gas from the upstream inlet (68) towards the treatment device (51). The treatment device (51) comprises at least one nitrogen generator (52) capable of generating a nitrogen-rich treated stream and an oxygen-rich discharge stream from the ambient gas tapped off. The treatment system (42) comprises a purge assembly (54) connected to the nitrogen generator (52) to discharge the nitrogen-rich stream to the exterior of the underwater vehicle (10).

IPC 8 full level  
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CPC (source: EP)  
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Citation (search report)  
See references of WO 2012152930A1

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