

Title (en)  
Submarine with a tank containing a liquid gas

Title (de)  
Unterseeboot mit einem Flüssiggasbehälter

Title (fr)  
Sous-marin avec un réservoir contenant un gaz liquide

Publication  
**EP 1447322 B1 20051221 (DE)**

Application  
**EP 04002633 A 20040206**

Priority  
DE 10305776 A 20030212

Abstract (en)  
[origin: EP1447322A1] The submarine has a tank (1) for accommodation and storage of liquid gas, especially oxygen, with a pressure-tight inner wall (2), an outer wall (5), a holding arrangement (6) mechanically joining the inner and outer walls together and an intermediate volume between the walls filled with filler bodies (7) and evacuated, whereby the filler bodies are essentially spherical.

IPC 1-7  
**B63G 8/00**; **F17C 13/12**

IPC 8 full level  
**B63B 25/16** (2006.01); **B63G 8/08** (2006.01)

CPC (source: EP KR)  
**B63B 25/16** (2013.01 - EP); **B63G 8/08** (2013.01 - EP); **F25B 41/30** (2021.01 - KR); **F25B 49/02** (2013.01 - KR); **F25B 2400/0411** (2013.01 - KR); **F25B 2400/075** (2013.01 - KR)

Cited by  
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Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1447322 A1 20040818**; **EP 1447322 B1 20051221**; DE 10305776 A1 20040826; DE 502004000188 D1 20060126; ES 2252709 T3 20060516; KR 100673149 B1 20070122; KR 20040073362 A 20040819

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