

Title (en)  
Submarine

Title (de)  
Unterseeboot

Title (fr)  
Submersible

Publication  
**EP 1921004 A3 20080924 (DE)**

Application  
**EP 07020367 A 20071018**

Priority  
DE 102006052548 A 20061108

Abstract (en)  
[origin: EP1921004A2] The submarine has a monitoring and controlling device for monitoring and controlling automated submarine functions e.g. ballast distribution. The monitoring and controlling device has multiple processor units (14) and display and operating units (18) i.e. touch-screen displays (26), that are connected over a data bus i.e. optical data bus, in a signal-transferring manner, where the data bus exhibits a ring structure. The processor units are conductively-connected with a drive battery of the submarine. The processor units are arranged in an enclosed housing.

IPC 8 full level  
**B63G 8/00** (2006.01); **H02B 1/00** (2006.01)

CPC (source: EP KR)  
**B63G 8/00** (2013.01 - EP KR); **B63G 8/08** (2013.01 - KR)

Citation (search report)

- [A] DE 102004004624 B3 20050728 - SIEMENS AG [DE]
- [A] WO 2004028899 A1 20040408 - SIEMENS AG [DE], et al
- [X] WASCHIN UND RITTERHOFF: "Das Uboot Klasse 212- All elctric ship mit bestem Kundennutzen", 1999, SCHIFFBAUTECHNISCHE GESELLSCHAFT E.V, HAMBURG, DE, XP002492371, 9

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DE102018200905A1; WO2019141846A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
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