

Title (en)

Self-propelled submersible vehicle for the detection of under-water objects.

Title (de)

Unterwasserfahrzeug mit eigenem Antrieb für Auffindung versunkener Gegenstände.

Title (fr)

Véhicule sous-marin autopropulsé pour la détection d'objets immergés.

Publication

**EP 0347288 A1 19891220 (FR)**

Application

**EP 89401586 A 19890608**

Priority

FR 8807612 A 19880608

Abstract (en)

The device described comprises an upper portion (12) and a lower portion (16) longitudinally off-set in relation to one another, in order to provide, at the front of the vehicle, a free space for locating a sonar aerial (20), and, at the rear, a passage and clearance for a cable (28) connected to a surface craft.

IPC 1-7

**B63C 11/42**

IPC 8 full level

**B63C 11/42** (2006.01)

CPC (source: EP)

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Citation (search report)

- [A] US 3367299 A 19680206 - SAYRE JR JACK L
- [A] US 4010619 A 19770308 - HIGHTOWER JOHN D, et al
- [A] US 2981073 A 19610425 - ROBINSON JR JACK D
- [A] GB 2163114 A 19860219 - OFFSHORE SYST ENG OSEL
- [A] US 2987893 A 19610613 - ROBINSON JR JACK D
- [A] FR 2304511 A1 19761015 - BRITISH AIRCRAFT CORP LTD [GB]
- [A] DE 2504225 A1 19760805 - ERNO RAUMFAHRTTECHNIK GMBH

Cited by

CN106585930A; US6854406B2; WO03086850A3

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