

Title (en)

Launching and recovery of tethered controlled submarine vehicles.

Title (de)

Zuwasserlassen oder Einholen von mit einem Kabel gesteuerten Unterwasserfahrzeugen.

Title (fr)

Lancement ou récupération de véhicules sous-marins contrôlés par câble ombilical.

Publication

EP 0169634 A1 19860129 (EN)

Application

EP 85303411 A 19850515

Priority

GB 8415436 A 19840616

Abstract (en)

For launching and recovering tethered remote controlled submarine vehicles a reinforced flexible free-flooding tube 3 adapted to be deployed from a ship is provided with one end of the tube remaining attached to the ship, the tube having passed therethrough an umbilical cable 1 for a remote controlled submarine vehicle. The cable and tube are deployed from a winch drum 2. The upper end of the tube has a conical termination 4 which locates in a support 6 mounted outboard of the ship. The lower end of the tube may have a docking latch to assist in recovery of the vehicle.

IPC 1-7

B63B 27/16; **B63C 11/34**

IPC 8 full level

B63B 27/16 (2006.01); **B63B 27/24** (2006.01); **B63B 27/36** (2006.01); **B63C 11/34** (2006.01)

CPC (source: EP)

B63B 27/36 (2013.01); **B63C 11/34** (2013.01)

Citation (search report)

- [X] US 4304189 A 19811208 - WRIGHT HERBERT H
- [X] US 4280430 A 19810728 - WILSON JEFFREY V, et al
- [A] US 4108101 A 19780822 - SCHIRTZINGER JOSEPH F
- [A] US 3987741 A 19761026 - TRYON PAUL V
- [A] US 3641961 A 19720215 - HOWARD GEORGE C
- [A] GB 2014516 A 19790830 - COPSON ALEXANDER GEORGE
- [A] GB 2076748 A 19811209 - HOULDER OFFSHORE LTD SUBMEX LT

Designated contracting state (EPC)

AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)

EP 0169634 A1 19860129; **EP 0169634 B1 19880601**; AT E34713 T1 19880615; DE 3563019 D1 19880707; GB 2160164 A 19851218; GB 2160164 B 19880413; GB 8415436 D0 19840718

DOCDB simple family (application)

EP 85303411 A 19850515; AT 85303411 T 19850515; DE 3563019 T 19850515; GB 8415436 A 19840616