

Title (en)

Hand controller for a remote operated vehicle

Title (de)

Handsteuerungseinrichtung für ein ferngesteuertes Fahrzeug

Title (fr)

Unité de commande manuelle pour un véhicule télécommandé

Publication

EP 1283535 A2 20030212 (EN)

Application

EP 02255523 A 20020807

Priority

US 92825801 A 20010810

Abstract (en)

A hand controller for a submersible remote operated vehicle (ROV) with left, right and vertical thrusters. The hand controller can be gripped between the fingers and palm of one hand. A joystick (340) is mounted for thumb actuation and configured to provide control signals for the ROV's left and right thrusters, thereby to control surge and yaw. A. A trigger (348) with two buttons (350, 352) is mounted for index finger actuation. The two buttons respectively provide control signals for up and down control of a vertical thruster of the ROV, thereby to control heave. This ergonomic design has proved to be easy to learn and use. <IMAGE>

IPC 1-7

H01H 9/02; B63H 25/40; B63C 11/42

IPC 8 full level

H01H 9/02 (2006.01); **H01H 25/04** (2006.01)

CPC (source: EP)

H01H 9/0214 (2013.01); **H01H 9/0235** (2013.01); **H01H 25/04** (2013.01); **H01H 2009/0257** (2013.01); **H01H 2221/012** (2013.01)

Cited by

DE102013008891B4; CN103439894A; CN103425110A; CN105460190A; FR3003678A1; EP2797063A3; GB2415522A; GB2415522B; EP2797063A2; WO2011049470A1; EP1507184A2; FR2858861A1; EP1972363B2

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