

Title (en)

Device for the ejection of a torpedo from a submerged launcher

Title (de)

Vorrichtung zum Ausstoss eines Torpedos aus einer Unterwasserstartvorrichtung

Title (fr)

Dispositif d'éjection d'une arme à partir d'un tube lance-armes immergé

Publication

EP 0701101 B1 19990331 (FR)

Application

EP 95401975 A 19950831

Priority

FR 9410756 A 19940908

Abstract (en)

[origin: EP0701101A1] The launching system comprises an internal tube (5) which is open at both ends, and has an inner diameter more or less equal to that of the cylindrical portion of the weapon. It has a support (6) for the internal tube, and a high-output water circulator (18) between the forward and rear ends of the launch tube through a space between the launch tube and internal tube. The water circulator is in the form of a pump or screw-pump (10) linked to a generator (11), e.g. in the form of a turbine integrated with the launch tube's rear hatch (4). In a variant of the design the high-output water pump can be in the form of a hydraulic piston.

IPC 1-7

F41F 3/10

IPC 8 full level

F41F 3/10 (2006.01)

CPC (source: EP US)

F41F 3/10 (2013.01 - EP US)

Cited by

US9488438B1; AU714784B2; EP1950521A1; EP1950521B1

Designated contracting state (EPC)

DE ES GB IT NL SE

DOCDB simple family (publication)

EP 0701101 A1 19960313; EP 0701101 B1 19990331; DE 69508681 D1 19990506; DE 69508681 T2 19990722; ES 2129177 T3 19990601; FR 2724448 A1 19960315; FR 2724448 B1 19961227; US 5834674 A 19981110

DOCDB simple family (application)

EP 95401975 A 19950831; DE 69508681 T 19950831; ES 95401975 T 19950831; FR 9410756 A 19940908; US 52266095 A 19950901