

Title (en)
System for launching an underwater vehicle

Title (de)
Abschusssystem eines Unterwassergeräts

Title (fr)
Système de lancement d'un engin sous-marin

Publication
EP 2530423 B1 20140115 (FR)

Application
EP 12169312 A 20120524

Priority
FR 1154742 A 20110531

Abstract (en)
[origin: EP2530423A1] The system (1) has a fluid communication unit (6) allowing portions of inner and outer tubes (3, 4) to communicate with each other. A sealing unit (7) e.g. flap, is carried by the inner tube, and slides against an inner wall of the outer tube during movement of the inner tube. A movement unit (8) e.g. telescopic cylinder, moves the inner tube from a retracted position to a deployed position and vice-versa according to slow and rapid movement paths for pressurized water back flow into the inner tube, at rear of underwater vehicle (2) via the communication unit, to push and eject the vehicle.

IPC 8 full level
F41F 3/10 (2006.01)

CPC (source: EP KR)
F41B 6/003 (2013.01 - EP); **F41F 3/07** (2013.01 - KR); **F41F 3/10** (2013.01 - EP KR)

Cited by
RU2759525C1; CN110986675A; EP3106825A1; AU2016203981B2; CN109911151A; CN111397842A; WO2016119928A1; WO2021151791A1; WO2020030524A1

Designated contracting state (EPC)
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