

Title (en)

System for feeding with pressurised fluid an ejection piston of a launching tube of a weapon on a submarine

Title (de)

SYSTEM ZUR DRUCKFLUIDVERSORGUNG EINES AUSSTOSSKOLBENS EINES ROHRES ZUM ABSCHIESSEN EINER WAFFE AUS EINEM UNTERSEEBOOT

Title (fr)

Système d'alimentation en fluide sous pression d'un refouloir d'un tube de lancement d'une arme à partir d'un engin sous-marin

Publication

EP 2343491 B1 20131225 (FR)

Application

EP 11305003 A 20110103

Priority

FR 1050109 A 20100108

Abstract (en)

[origin: EP2343491A1] The system has a launching valve interposed between a pressurized fluid source and a rammer. The valve includes a valve body (5) in which a removable valve (6) is mounted during launching of a weapon by a control unit between a closing position and an opening position of the valve to supply pressurized fluid to the rammer. The removable valve is associated with a braking unit (8) including a fluidic speed reducer with two fluid chambers (9, 10) connected together by a diaphragm unit for controlling the fluid. The diaphragm unit is variable according to the position of the removable valve.

IPC 8 full level

B63G 8/32 (2006.01); **F41F 3/10** (2006.01)

CPC (source: EP)

B63G 8/32 (2013.01); **F41F 3/10** (2013.01); **F41A 9/44** (2013.01)

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