

Title (en)  
LIQUID PROPULSION DEVICE INCORPORATING A PYROTECHNIC GAS GENERATOR IN THE STRUCTURE THEREOF

Title (de)  
FLÜSSIGKEITSANTRIEBSVORRICHTUNG MIT EINGEBAUTEM PYROTECHNISCHEM GASGENERATOR

Title (fr)  
DISPOSITIF DE PROPULSION DE LIQUIDE INCORPORANT DANS SA STRUCTURE UN GENERATEUR DE GAZ PYROTECHNIQUE

Publication  
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Application  
**EP 07823755 A 20070831**

Priority  
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• FR 0653552 A 20060901

Abstract (en)  
[origin: WO2008025930A1] The subject matter of the present invention relates to a device (50) for propelling a liquid (L), comprising a reservoir (51) provided with a mobile separation member (57) and a pyrotechnic gas generator (1) arranged inside said reservoir (51), provided with nozzles (4a, 4b, 4a', 4b'). Characteristically, said nozzles (4a, 4b, 4a', 4b') of said gas generator (1) are radially arranged on the wall or walls of said body (2) and said gas generator (1), arranged in such a way that the axis thereof coincides with the axis of movement of said mobile separation member (57), is provided with a baffle (8) for diverting said generated combustion gases (G) along said axis of movement of said mobile separation member (57).

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