

Title (en)

Device for ejecting two fluids simultaneously especially pyrotechnic fluids

Title (de)

Vorrichtung zum gleichzeitigen Ausstossen von zwei Flüssigkeiten, insbesondere pyrotechnischen Flüssigkeiten

Title (fr)

Dispositif d'éjection simultanée de deux fluides, notamment pyrotechniques

Publication

EP 0653603 B1 19971119 (FR)

Application

EP 94401273 A 19940608

Priority

FR 9306826 A 19930608

Abstract (en)

[origin: FR2706202A1] The invention relates to a device for the simultaneous ejection of two fluids, particularly pyrotechnic fluids, intended to react by mutual contact after their ejection. Provided for each fluid (1, 2) is a reservoir (121, 21) opening out on the outside of the device via a respective nozzle (124, 118). The two reservoirs (121, 21) consist of a respective cylinder (129, 27)/piston (49, 7) assembly, and the simultaneous ejection of the two fluids (1, 2) is caused by the controlled displacement of one (7) of the pistons (7, 49) within the corresponding cylinder (27) and mechanical coupling between the pistons (7, 49). The ejection rates conform to a constant proportion defined by the cross-section of the piston (7, 49), whatever the degree of filling of the reservoirs (21, 121). <IMAGE>

IPC 1-7

F42B 4/26; **F42B 12/46**

IPC 8 full level

F42B 4/26 (2006.01); **F42B 12/46** (2006.01)

CPC (source: EP US)

F42B 4/26 (2013.01 - EP US); **F42B 12/46** (2013.01 - EP US)

Cited by

DE19841113A1

Designated contracting state (EPC)

DE GB SE

DOCDB simple family (publication)

FR 2706202 A1 19941216; **FR 2706202 B1 19950901**; CA 2125360 A1 19941209; CA 2125360 C 20020326; DE 69406896 D1 19980102; DE 69406896 T2 19980618; EP 0653603 A1 19950517; EP 0653603 B1 19971119; US 5419257 A 19950530

DOCDB simple family (application)

FR 9306826 A 19930608; CA 2125360 A 19940607; DE 69406896 T 19940608; EP 94401273 A 19940608; US 25526194 A 19940607