

Title (en)
GAS EXPANSION CHAMBER FOR AN AUTOMATIC, GAS-OPERATED FIREARM

Publication
EP 0158707 B1 19880511 (DE)

Application
EP 84110428 A 19840901

Priority
DE 3336634 A 19831008

Abstract (en)
[origin: EP0158707A2] 1. An expansion chamber (10) constructed as a gas retaining chamber which is continuously located in the flow path between a propellant gas branch (30) from a weapon barrel and a cylinder (26) which a working piston (28) to be operated by the divided-off propellant gas in order to drive a device, preferably on an automatic barrel-type weapon, and which, in an inlet for the divided-off propellant gas, is provided with a zone of reduced through-flow cross section, characterized by the fact that the zone of reduced through-flow cross section takes the form of a fixed nozzle (16) followed inside the expansion chamber (10), by a deviating surface (12) projecting into the flow traject (11) of the branched-off propellant gas (14).

IPC 1-7
F41D 5/10

IPC 8 full level
F41A 5/26 (2006.01)

CPC (source: EP)
F41A 5/26 (2013.01)

Cited by
US9212856B2; US9097475B2; US8887616B2; US9383149B2; US9816768B2; US9500423B2; US8950313B2; US9328981B2

Designated contracting state (EPC)
CH DE FR IT LI SE

DOCDB simple family (publication)
DE 3336634 A1 19850425; DE 3471159 D1 19880616; EP 0158707 A2 19851023; EP 0158707 A3 19860423; EP 0158707 B1 19880511

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