

Title (en)
TRIGGER MECHANISM FOR AN AUTOMATIC GUN

Publication
EP 0123871 B1 19870121 (DE)

Application
EP 84103095 A 19840321

Priority
CH 230683 A 19830429

Abstract (en)
[origin: ES8600504A1] The firing mechanism for an automatic firing weapon comprises a catch pawl or detent by means of which a to-and-fro moving weapon breechblock can be retained in its rear or rearmost position. To prevent damage to the breechblock or the catch pawl it is necessary, upon impact of the breechblock against the catch pawl, for such catch pawl to have been completely pivoted into the path of travel of the breechblock. The release of the catch pawl, which can be pivoted by the action of a spring into the path of travel of the breechblock, is accomplished by a feeler lever. This feeler lever fixedly retains the catch pawl in its breechblock release position by means of a firing or trigger lever. The feeler lever is retained, on the one hand, by a control or cam surface of the breechblock and, on the other hand, by a stop lever in its locking position in which it holds the firing lever in a position preventing the catch pawl from engaging with the breechblock. The stop lever can be pivoted out of its locking position for the feeler lever by a release lever which can be actuated in conjunction with the firing lever.

IPC 1-7
F41D 11/02

IPC 8 full level
F41A 7/00 (2006.01); **F41A 19/00** (2006.01); **F41A 19/03** (2006.01); **F41A 19/06** (2006.01); **F41A 19/12** (2006.01)

CPC (source: EP US)
F41A 19/12 (2013.01 - EP US)

Cited by
US4941394A; DE102008009827B4; DE3623055A1

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

DOCDB simple family (publication)
EP 0123871 A1 19841107; EP 0123871 B1 19870121; BR 8401990 A 19841204; DE 3462177 D1 19870226; ES 531971 A0 19851001; ES 8600504 A1 19851001; GR 79180 B 19841002; IL 71582 A 19880531; JP H0416712 B2 19920324; JP S59208399 A 19841126; US 4607563 A 19860826

DOCDB simple family (application)
EP 84103095 A 19840321; BR 8401990 A 19840427; DE 3462177 T 19840321; ES 531971 A 19840427; GR 840174203 A 19840323; IL 7158284 A 19840419; JP 8422984 A 19840427; US 60318484 A 19840423