

Publication

EP 0523535 A3 19940119

Application

EP 92111607 A 19920708

Priority

DE 4122835 A 19910710

Abstract (en)

[origin: EP0523535A2] A low-recoil firearm (10) is proposed, especially a compressed-air weapon or a hand firearm, comprising a stock assembly (25) and a barrel assembly (20) which can be displaced relative to the stock assembly (25) in the longitudinal direction (B) of the firearm (10). In the event of firing, the barrel assembly (20) can be moved counter to the firing direction (A) from a firing-readiness position. The recoil of the barrel assembly (20) caused by firing is constrained by a latching device (40) which can be overcome by the recoil energy of the barrel assembly (20). When the latching device (40) is overcome, work is carried out by the barrel assembly (20), which work is extracted from the recoil energy so that the recoil which is finally transmitted to the person firing the weapon is at least significantly reduced. In the case of the firearm according to the invention, the axial force required to overcome the latching device (40) is adjustable in the barrel longitudinal direction (B). <IMAGE>

IPC 1-7

F41B 11/00; **F41C 23/06**

IPC 8 full level

F41A 25/00 (2006.01); **F41B 11/00** (2006.01); **F41C 23/06** (2006.01)

CPC (source: EP US)

F41A 25/00 (2013.01 - EP US); **F41C 23/06** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

EP 0523535 A2 19930120; **EP 0523535 A3 19940119**; **EP 0523535 B1 19971008**; AT E159099 T1 19971015; DE 4122835 A1 19930121; DE 59208951 D1 19971113; US 5339789 A 19940823

DOCDB simple family (application)

EP 92111607 A 19920708; AT 92111607 T 19920708; DE 4122835 A 19910710; DE 59208951 T 19920708; US 91215092 A 19920710