

Title (en)
Trigger mechanism

Title (de)
Abzugssystem

Title (fr)
Système de détente

Publication
EP 2314974 B1 20180314 (DE)

Application
EP 10013348 A 20101006

Priority
AT 16712009 A 20091023

Abstract (en)
[origin: EP2314974A2] The device has a release trigger (2) activated by a hand and a control body (3) acting on a spring-loaded firing pin (1) or a spring-loaded firing-pin piece. A transmission mechanism acts between the trigger and the control body and includes a series of roller bodies (4) lying on one another and/or arranged offset relative to each other. The bodies are arranged in a transmission channel that is limited by channel walls (5) e.g. rockers, where each of the bodies contacts the walls. One of the walls includes a wall section (6) that is projected in direction toward channel interior.

IPC 8 full level
F41A 19/12 (2006.01); **F41A 19/10** (2006.01); **F41A 19/16** (2006.01); **F41A 19/17** (2006.01); **F41A 19/31** (2006.01)

CPC (source: EP US)
F41A 19/10 (2013.01 - EP US); **F41A 19/12** (2013.01 - EP US); **F41A 19/16** (2013.01 - EP US); **F41A 19/17** (2013.01 - EP US);
F41A 19/31 (2013.01 - EP US)

Cited by
DE102014100377B3; DE102012109687B3; DE202012103887U1; EP3748278A3

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2314974 A2 20110427; **EP 2314974 A3 20140409**; **EP 2314974 B1 20180314**; AT 509019 A1 20110515; AT 509019 B1 20121015;
US 2011094139 A1 20110428; US 8631600 B2 20140121

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