

Title (en)
DOUBLE AMMUNITION FEED MECHANISM FOR AUTOMATIC WEAPONS

Publication
EP 0129457 B1 19870715 (FR)

Application
EP 84401070 A 19840524

Priority
FR 8309220 A 19830603

Abstract (en)
[origin: EP0129457A1] 1. A dual feed device for weapon with external motor and rectilinearly shifting breech, wherein the device includes firstly a round positioning device including one of central positioning sprocket (7) unit (6), and secondly two feed casings (1, 2) loaded with various ammunition, placed on either side of the central positioning sprocket unit and linked together by a common support (3), with both said cases being capable of tilting around axes (4, 4') parallel to the lengthwise axes, and each having means of coupling with and uncoupling from the positioning device, wherein the feed units each includes one feed unit (5, 5') sprocket (8, 8'), their means for coupling with and uncoupling from the positioning device consisting of claw couplings (13, 13') for coupling each of the feeds sprocket units to a reducing transmission (9), with one feed sprocket unit being coupled simultaneously with the decoupling of the other when one casing tilts, wherein the dual feed further has means (21 to 25) for reversing the direction of rotation of the central positioning sprocket whenever one of the casings tilts.

IPC 1-7
F41D 10/32

IPC 8 full level
F41A 9/37 (2006.01)

CPC (source: EP)
F41A 9/37 (2013.01)

Cited by
WO2018091805A1; DE3627360C1; EP0303761A3; FR3058788A1; WO2017207942A2; US10663241B2; US10900725B2; WO2019137781A1; US11105573B2

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