

Title (en)
DEVICE FOR FEEDING AMMUNITION FROM A DRUM MAGAZINE TO A GUN

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Application
EP 83111886 A 19831128

Priority
CH 747482 A 19821222

Abstract (en)
[origin: ES8501113A1] To feed cartridges from a drum-type or drum magazine to a firing weapon a first conveyor is required to push the cartridges out from the drum-type magazine in which the cartridges are arranged in a number of rows. A second conveyor feeds the cartridges which have been ejected from the drum-type magazine to the firing weapon. At high firing rates as required in multi-barrel guns or weapon systems difficulties can occur in the transfer of the cartridges from the first conveyor to the second conveyor and during the acceleration of the rows of cartridges in the drum-type magazine. According to the invention return or reverse movement blocking devices are arranged between the two conveyors and the first conveyor comprises a screw or worm conveyor having a first turn of the thread which is of smaller pitch than the remaining turns of the thread to facilitate the acceleration of the rows of the cartridges which are initially at standstill in the drum-type magazine.

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Citation (examination)
• FR 2237816 A1 19750214 - GEN ELECTRIC [US]
• FR 2048696 A5 19710319 - GEN ELECTRIC
• FR 1247266 A 19601125 - OERLIKON BUEHRLE AG

Cited by
EP0233347A1; US4742756A

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EP 0111780 A2 19840627; **EP 0111780 A3 19850925**; **EP 0111780 B1 19880120**; BR 8307051 A 19840731; DE 3375429 D1 19880225; ES 528251 A0 19841101; ES 8501113 A1 19841101; IL 70386 A 19880630; JP S59119198 A 19840710; US 4589325 A 19860520

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