

Title (en)

ENDLESS CHAIN CONVEYOR FOR AN AMMUNITION MAGAZINE

Publication

EP 0361050 B1 19920226 (DE)

Application

EP 89114988 A 19890814

Priority

CH 361088 A 19880928

Abstract (en)

[origin: JPH02133799A] PURPOSE: To accommodate acceleration forces occurring at the start of firing a weapon by employing a telescopically structured endless storage and conveyor chain integrated into a double loop and being driven, in the center thereof, by a booster motor through a deflection roller. CONSTITUTION: Upper part of a carrying chain 11 is pulled in the direction of arrow A by means of an auxiliary motor 15 through a deflection roller 14. The upper part of the carrying chain 11 also pulls the lower part thereof. Furthermore, the upper second part of the carrying chain 11 is pushed in the direction of arrow B by the auxiliary motor 15. The lower second part of the upper second carrying chain 11 is also pushed in the direction of arrow C. Consequently, the opposite central parts are pushed in the directions of arrow B, C and the opposite outer parts of the double Loop of carrying chain 11 are pulled. A deflection roller 13 being driven by a firing weapon is pulled in the directions of arrow B, C at the opposite central parts and pulled in the directions of arrow A, D at the opposite outer parts.

IPC 1-7

F16G 13/18; F41A 9/76

IPC 8 full level

F41A 9/04 (2006.01)

CPC (source: EP US)

F41A 9/04 (2013.01 - EP US)

Cited by

EP1024339A3; EP0458106A1; US5115713A; EP0538137A1; FR2682750A1; US5347908A; WO2017080800A1; US10591233B2

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