

Title (en)

Ammunition feeding mechanism for beltless cartridges

Title (de)

Munitionsführung für gurtlos geführte Munition

Title (fr)

Dispositif d'alimentation en munitions pour cartouches sans bande

Publication

EP 1024338 B1 20060412 (DE)

Application

EP 00101369 A 20000124

Priority

DE 19903346 A 19990128

Abstract (en)

[origin: EP1024338A2] A beltless ammunition feed for a self loading weapon has the ammunition loaded into an endless loop feed which follows a meandering track through the magazine. The rounds are transferred to the weapon by a loop with guide wheels (28,30) at each end. One of the guide wheels (30) is driven and the other is fitted with a one way clutch to prevent the feed pulling back after each discharge. This reduces the stress peaks for the drive and provides a smoother feed rate, with the main loop moving at a near steady rate.

IPC 8 full level

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CPC (source: EP)

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