

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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