

Title (en)

Ammunition loading system for a pivoting cartridge chamber.

Title (de)

Munitionsladesystem zum Laden einer schwenkbaren Patronenlagern.

Title (fr)

Système de chargement d'une munition dans une chambre pivotante.

Publication

EP 0571265 A1 19931124 (FR)

Application

EP 93401264 A 19930518

Priority

FR 9206197 A 19920521

Abstract (en)

The invention relates to a system for loading ammunition, such as telescopic ammunition, into a pivoting chamber (1) of a weapon, particularly of a weapon of medium calibre. The system comprises a feed device (A; A1) which is integral with the oscillating mass (MO) of the weapon, is offset laterally relative to the barrel (2) of the weapon and is located between the pivot axis (X-X) of the weapon and the pivoting chamber (1), and a device (I) for introducing ammunition (200) into the chamber (1), which device is integral with the recoiling mass (MR) of the weapon, is located above the barrel (2) and is substantially in the vertical pivoting plane of the chamber (1), the ammunition being conveyed from the feed device (A1) to the introduction device (I) by a feed star (40) mounted rotatably about the barrel (2) of the weapon. <IMAGE>

IPC 1-7

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Citation (search report)

- [A] DE 3805620 A1 19890907 - RHEINMETALL GMBH [DE]
- [A] GB 2153497 A 19850821 - THYSSEN AG
- [A] DE 3427875 C1 19920430 - HECKLER & KOCH GMBH
- [A] GB 306006 A 19290212 - ARMSTRONG WHITWORTH CO ENG, et al

Cited by

EP0706022A1; FR2725267A1; US5614689A; EP0687834A1; FR2721366A1; US5750916A

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