

Title (en)

Ammunition magazine for an armoured vehicle.

Title (de)

Geschossmagazin für ein Kampffahrzeug.

Title (fr)

Magasin pour munitions pour un véhicule de combat.

Publication

EP 0406715 B1 19940824 (DE)

Application

EP 90112418 A 19900629

Priority

DE 3922318 A 19890707

Abstract (en)

[origin: US5022308A] An ammunition magazine for a combat vehicle, wherein the shells are stowed upright and perpendicular to the floor and when they are removed automatically by an ammunition positioner that has an arm with a pivoting pickup at its end, with several magazine shafts, wherein the shells are stowed with their base against a base plate and secured by a shell holder. The shell holder has at least two pairs of tongs-like shell-securing arms that at least partly surround the jacket of the shell, one side of which rests against a stationary guide, on the opposite side, that pivot one above another toward the longitudinal axis of the magazine shaft and, closing subject to a resilient force, around another axis that parallels the first outside the magazine shaft, and that, when closed, can be locked closed by a mechanism that can be unlocked by a component on the positioning arm that activates an unlocking mechanism when the shell is grasped as the automatic pickup removes it.

IPC 1-7

F41A 9/01

IPC 8 full level

F41A 9/01 (2006.01); **F42B 39/22** (2006.01)

CPC (source: EP US)

F42B 39/22 (2013.01 - EP US)

Designated contracting state (EPC)

CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0406715 A1 19910109; EP 0406715 B1 19940824; DE 3922318 A1 19910117; DE 59006883 D1 19940929; US 5022308 A 19910611

DOCDB simple family (application)

EP 90112418 A 19900629; DE 3922318 A 19890707; DE 59006883 T 19900629; US 54803790 A 19900705