

Title (en)  
Ammunition feeding device for a cannon of an armoured vehicle

Title (de)  
Geschosszuführungsvorrichtung für eine Panzerhaubitze

Title (fr)  
Dispositif d'alimentation en munitions du canon d'un char

Publication  
**EP 0640805 B1 19980128 (DE)**

Application  
**EP 94109360 A 19940617**

Priority  
DE 4324572 A 19930722

Abstract (en)  
[origin: EP0640805A1] An ammunition (projectile, round) feeding device for an armoured howitzer having a turret (T) which is arranged on a vehicle in the region behind the vehicle centre, can rotate and on which a heavy weapon (25) is arranged such that it can pivot in elevation. An ammunition magazine (23) is arranged in the turret rear (H), and a loading/unloading opening (B), which is accessible from the rear, is arranged in the vehicle rear (H). A guide (2.1) which runs in the transverse direction and on which a carriage (2) is displaceably guided is mounted on the roof plate (D) of the turret (T), between the weapon (25) and the ammunition magazine (23). A downwardly extending supporting arm (1) is attached to the carriage (2), on which supporting arm (1) a loading cradle holder (9) is movably guided, which is fitted with a loading cradle (22). The arrangement is such that the loading cradle (22) can be moved into a position aligned with the barrel boresight (bore axis) of the weapon when the weapon (25) is in at least one elevation position, and into positions in which the rear end of the loading cradle (22) is located immediately in front of the ammunition magazine (23) as well as into a position in which the rear end of the loading cradle (22) is directly adjacent to the front end of a roller track (24) which is arranged in the region of the loading/unloading opening (B). <IMAGE>

IPC 1-7  
**F41A 9/20**

IPC 8 full level  
**F41A 9/20** (2006.01)

CPC (source: EP)  
**F41A 9/20** (2013.01)

Cited by  
EP0710812A1; CN113865416A; EP2366088B1

Designated contracting state (EPC)  
AT CH DE FR GB IT LI NL

DOCDB simple family (publication)  
**EP 0640805 A1 19950301; EP 0640805 B1 19980128**; AT E162887 T1 19980215; DE 4324572 A1 19950126; DE 59405161 D1 19980305; NO 303796 B1 19980831; NO 942639 D0 19940714; NO 942639 L 19950123

DOCDB simple family (application)  
**EP 94109360 A 19940617**; AT 94109360 T 19940617; DE 4324572 A 19930722; DE 59405161 T 19940617; NO 942639 A 19940714