

Title (en)  
HEAVY GUN TRUNNION SUPPORT

Publication  
**EP 0080091 B1 19860129 (DE)**

Application  
**EP 82110187 A 19821105**

Priority  
DE 3146165 A 19811121

Abstract (en)  
[origin: ES8308055A1] A cannon has a barrel extending along a barrel axis and having in turn a cradle provided with a pair of trunnions centered on and defining a trunnion axis substantially perpendicular to the barrel axis. The gun carriage has a pair of cheeks spaced apart along the trunnion axis and juxtaposed with the trunnions. Respective gudgeons are secured to the cheeks centered on the trunnion axes and surrounding the trunnions. Respective axial bearings are braced axially between the trunnions and gudgeons and centered on the trunnion axis and respective radial bearings support the trunnions in the gudgeons for swiveling of the barrel about the trunnion axis in the carriage. Respective rings centered on the trunnion axis are threaded on the gudgeons. These rings are oppositely axially braced against the cheeks for axially loading the axial bearings. The rings can keep the axial bearings under axial compression so that there is no play at all in the joint.

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**F41F 21/06**

IPC 8 full level  
**F41A 27/08** (2006.01)

CPC (source: EP US)  
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