

Title (en)
RAMMER FOR ORDNANCE

Publication
EP 0239755 B1 19920422 (DE)

Application
EP 87101854 A 19870210

Priority
DE 3607006 A 19860304

Abstract (en)
[origin: US4754688A] A flick rammer for artillery rounds. The rammer has a loading tray that is positioned in alignment with the powder chamber at a prescribed distance to the rear of the gun. The tray accommodates the round. The rammer also has a mechanical acceleration component that engages the rear of the round and is connected to a cylinder-type drive mechanism. To improve the device to the extent that ramming will remain rapid whereas the design will be simple enough to operate reliably even at light loads and to occupy very little space, the cylinder-type drive mechanism is a pneumatic cylinder that communicates with a compressed-air reservoir through a rapid-opening control valve, and the mechanical acceleration component is connected to the moving component of the pneumatic cylinder through a stroke-transmission mechanism with a transmission ratio greater than 1.

IPC 1-7
F41A 9/42

IPC 8 full level
F41A 9/42 (2006.01)

CPC (source: EP US)
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US 4754688 A 19880705; AT E75308 T1 19920515; DE 3607006 A1 19870910; DE 3778410 D1 19920527; EP 0239755 A2 19871007; EP 0239755 A3 19890524; EP 0239755 B1 19920422

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