

Title (en)
MANUAL CARRYING TOOL FOR MODULAR PROPELLANT CHARGES

Publication
EP 0419762 B1 19930630 (DE)

Application
EP 90109638 A 19900521

Priority
DE 3932131 A 19890927

Abstract (en)
[origin: US5048393A] A removal tool for propelling charge modules stored in a charge magazine one behind the other and having a hollow ignition channel, which tool facilitates both the rapid manual removal of the charge modules from the magazine, and the loading of the charge modules, in desired portions to the charge chamber of a gun barrel to maintain emergency operations. The removal tool includes a holding rod for insertion into the hollow ignition channel of a desired number of the charge modules, a depth abutment disposed on the holding rod and axially adjustable to different propelling charge set lengths, and a clamping device which is activated by an actuating handle. When the actuating handle is operated, leaf springs disposed on the holding rod are spread open by an actuating plunger disposed within the holding rod. The leaf springs thus rest against the hollow ignition channel of the last loaded or picked-up charge module so that all of the charge modules picked up by and disposed on the holding rod are clamped together against a radial abutment face of the depth abutment. Thus, it is possible to quickly and easily take sets of propelling charge modulus of different lengths manually from a propelling charge magazine and supply same to the charge chamber of a gun.

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F41A 9/38

IPC 8 full level
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CPC (source: EP US)
F41A 9/38 (2013.01 - EP US); **Y10T 24/42** (2015.01 - EP US)

Cited by
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