

Title (en)
BOLT CENTERING ELEMENT

Title (de)
VERSCHLUSSZENTRIERUNG

Title (fr)
ELEMENT DE CENTRAGE DE CULASSE

Publication
EP 1153258 B1 20030528 (DE)

Application
EP 00912502 A 20000224

Priority
• DE 19907967 A 19990224
• EP 0001536 W 20000224

Abstract (en)
[origin: US2002050087A1] An apparatus for loading a cartridge into a cartridge chamber of a firearm is provided. The apparatus includes a barrel, and a bolt assembly mounted for movement from a rear position to a forward position to advance a cartridge into the cartridge chamber. The bolt assembly includes a center axis which is not in coaxial alignment with the center axis of the barrel when the bolt assembly is in the rear position. The bolt assembly further includes a bolt head defining a percussion recess. The percussion recess is dimensioned to receive a proximal end of the cartridge with clearance to permit transverse movement of the proximal end of the cartridge relative to the percussion base. The firearm also includes a locking piece adjacent the cartridge chamber for centering the bolt head as the bolt assembly moves from the rear position toward the forward position such that the center axis of the bolt assembly is substantially coaxially aligned with the center axis of the barrel. The center axis of the cartridge becomes substantially coaxially aligned with the center axis of the barrel after engagement of the bolt head and the cartridge but before the center axis of the bolt assembly becomes substantially coaxially aligned with the center axis of the barrel.

IPC 1-7
F41A 3/26; **F41A 9/55**; **F41A 9/41**

IPC 8 full level
F41A 3/26 (2006.01); **F41A 9/41** (2006.01); **F41A 9/55** (2006.01)

CPC (source: EP KR US)
F41A 3/26 (2013.01 - EP US); **F41A 9/41** (2013.01 - EP US); **F41A 9/55** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
US 2002050087 A1 20020502; **US 6708437 B2 20040323**; AT E241791 T1 20030615; CA 2362490 A1 20000831; CA 2362490 C 20040803; DE 19907967 A1 20000907; DE 19907967 B4 20050428; DE 50002346 D1 20030703; EP 1153258 A1 20011114; EP 1153258 B1 20030528; ES 2199149 T3 20040216; KR 100486977 B1 20050503; KR 20010103769 A 20011123; PT 1153258 E 20030829; WO 0050833 A1 20000831; ZA 200106154 B 20020306

DOCDB simple family (application)
US 94126601 A 20010828; AT 00912502 T 20000224; CA 2362490 A 20000224; DE 19907967 A 19990224; DE 50002346 T 20000224; EP 0001536 W 20000224; EP 00912502 A 20000224; ES 00912502 T 20000224; KR 20017010783 A 20010823; PT 00912502 T 20000224; ZA 200106154 A 20010726