

Title (en)
Barrel-type weapon

Title (de)
Rohrwaffe

Title (fr)
Arme à tube de canon

Publication
EP 1420224 B1 20081008 (DE)

Application
EP 03024750 A 20031029

Priority
DE 10252416 A 20021112

Abstract (en)
[origin: EP1420224A1] Gun barrel comprises a barrel (2) which is mounted in a first slide bush bearing (5) at the mouth-side end and in a second slide bush bearing at the base part-side end of a mounting barrel (3). The first slide bush bearing has a tube bushing (7) fixed to the barrel and supported in a form-locking manner on the inner wall of the mounting barrel via at least three segmented support bars (14) uniformly distributed along the periphery. The tube bushing has between each adjacent support bar segmented outer recesses (16) and on its inner wall opposite the support bars segmented inner recesses (19) so that the tube bushing is elastically deformed on widening the barrel in such a way that the regions of the tube bushing lying on the barrel are curved outward in the outer recesses and the regions of the barrel not lying on the inner wall of the tube bushing can drift into the inner recesses.

IPC 8 full level
F41A 21/48 (2006.01); **F41A 25/22** (2006.01)

CPC (source: EP US)
F41A 25/22 (2013.01 - EP US)

Cited by
CN103868402A; CN103900420A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1420224 A1 20040519; EP 1420224 B1 20081008; AT E410658 T1 20081015; DE 10252416 A1 20040527; DE 50310604 D1 20081120; ES 2312709 T3 20090301; JP 2004163097 A 20040610; JP 4444631 B2 20100331; US 2004200346 A1 20041014; US 6874268 B2 20050405

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EP 03024750 A 20031029; AT 03024750 T 20031029; DE 10252416 A 20021112; DE 50310604 T 20031029; ES 03024750 T 20031029; JP 2003380014 A 20031110; US 69862803 A 20031103