

Title (en)

Method for coating the inner surface of a gun barrel

Title (de)

Verfahren zur Innenbeschichtung eines Waffenrohres

Title (fr)

Procédé pour le revêtement de la surface intérieure d'un tube de canon

Publication

**EP 1048921 A3 20010822 (DE)**

Application

**EP 00104757 A 20000304**

Priority

DE 19919687 A 19990430

Abstract (en)

[origin: EP1048921A2] The coating method has at least part of the internal surface (9) of the weapon barrel (1) provided with a coating layer (17) a material which prevents corrosion, using a plasma coating process. An axially displaced burner (4) is inserted in the weapon bar for providing a plasma flame (8), into which the coating material is fed in the form of a powder, a wire or a band. The coating material is provided by niobium, molybdenum, tantalum, hafnium, chromium, vanadium, wolfram, zirconium, or an alloy of the latte

IPC 1-7

**F41A 21/22**

IPC 8 full level

**F41A 21/04** (2006.01); **F41A 21/22** (2006.01)

CPC (source: EP US)

**F41A 21/04** (2013.01 - EP US); **F41A 21/22** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

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