

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)

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Citation (search report)

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