

Title (en)

Method for repairing the damage in coatings or the damage caused by erosion

Title (de)

Verfahren zur Beseitigung von Beschichtungs- und/oder Erosionsschäden

Title (fr)

Procédé pour réparer les détériorations de couches ou les détériorations faites par l'érosion

Publication

**EP 1186847 B1 20060329 (DE)**

Application

**EP 01116287 A 20010705**

Priority

DE 10041114 A 20000822

Abstract (en)

[origin: EP1186847A2] Process for removing coating and/or erosion damage from the inner surface of a barrel (1) of a weapon comprises filling the damaged barrel regions (3) using a coating material (10) after cleaning the inner surface of the barrel; and mechanically processing the inner surface of the barrel by turning, grinding or honing. Preferred Features: The coating material is SiO<sub>2</sub>, ZrSiO<sub>4</sub>, Mg<sub>2</sub>SiO<sub>4</sub> or SiO<sub>2</sub>50/ZrSiO<sub>4</sub>40/Al<sub>2</sub>O<sub>3</sub>10. Several layers of the coating material are applied. The coating material is introduced in powder, strip or wire form.

IPC 8 full level

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CPC (source: EP)

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Cited by

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Designated contracting state (EPC)

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**EP 1186847 A2 20020313; EP 1186847 A3 20031119; EP 1186847 B1 20060329**; DE 10041114 A1 20020307; DE 50109351 D1 20060518; ES 2258997 T3 20060916

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