

Title (en)
CERAMIC LINING FOR A FIREARM BARREL

Title (de)
KERAMIKAUSKLEIDUNG FÜR EINEN FEUERWAFFENLAUF

Title (fr)
REVÊTEMENT INTÉRIEUR EN CÉRAMIQUE POUR UN CANON D'ARME À FEU

Publication
EP 2836621 A4 20151118 (EN)

Application
EP 13776204 A 20130405

Priority
• US 201261622692 P 20120411
• US 2013035395 W 20130405

Abstract (en)
[origin: WO2013154930A1] The bore of a barrel of a firearm is conformally coated with a ceramic material on at least a portion of its inner surface. The ceramic material may be a nitride, carbide, boride, oxide, oxycarbide, oxyboride, boronitride, or oxynitride of a metal. The coating is deposited by a chemical vapor deposition process.

IPC 8 full level
C23C 16/22 (2006.01); **C23C 16/44** (2006.01)

CPC (source: EP)
C23C 16/10 (2013.01); **C23C 16/32** (2013.01); **C23C 16/34** (2013.01); **C23C 16/38** (2013.01); **C23C 16/403** (2013.01); **C23C 16/56** (2013.01); **F41A 21/04** (2013.01)

Citation (search report)
• [XII] US 3523035 A 19700804 - WHITLOW BAILEY DUANE
• [XII] US 3783007 A 19740101 - BLOOM J, et al
• [XII] US 4641450 A 19870210 - MOLL EBERHARD [LI], et al
• [A] US 3796588 A 19740312 - HINTERMANN H, et al
• See references of WO 2013154930A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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