

Title (en)
WEAPON BARREL WITH A CHROME-PLATED INNER PROFILE

Title (de)
WAFFENROHR MIT VERCHROMTEM INNENPROFIL

Title (fr)
CANON À PROFILÉ INTÉRIEUR CHROMÉ

Publication
EP 2805124 B1 20180425 (DE)

Application
EP 12810204 A 20121217

Priority
• DE 102012000686 A 20120117
• EP 2012075742 W 20121217

Abstract (en)
[origin: WO2013107578A1] What is proposed is a weapon barrel (1) with a land-and-groove inner profile (3, 4) for small-calibre automatic weapons, wherein the entire inner profile (3, 4) is chrome-plated. The lands (3) of the inner profile (3, 4) are designed - trapezoidally and asymmetrically - as polygons and are considerably narrower than the grooves (4). On one side, the polygons or lands (3) have a relatively long ascent (5) in the form of an incline and, on the other side, have a rapidly descending flank (6). A chrome layer (7) on the grooves (4) is in this case thinner than a chrome layer (8) on the lands (3). Layer thickness transitions (9) from land (3) to groove (4) and groove (4) to land (3) are applied to the inclines (5) and flanks (6).

IPC 8 full level
F41A 21/18 (2006.01); **F41A 21/22** (2006.01)

CPC (source: EP)
F41A 21/18 (2013.01); **F41A 21/22** (2013.01)

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

DOCDB simple family (publication)
DE 102012000686 A1 20130718; DK 2805124 T3 20180716; EP 2805124 A1 20141126; EP 2805124 B1 20180425; ES 2677470 T3 20180802; PL 2805124 T3 20181031; WO 2013107578 A1 20130725

DOCDB simple family (application)
DE 102012000686 A 20120117; DK 12810204 T 20121217; EP 12810204 A 20121217; EP 2012075742 W 20121217; ES 12810204 T 20121217; PL 12810204 T 20121217