

Title (en)

Seal system for ordnance and method of manufacturing

Title (de)

Liderungssystem für Artilleriewaffen und Verfahren zu seiner Herstellung

Title (fr)

Système de garniture pour artillerie et son procédé de fabrication

Publication

EP 1757892 A1 20070228 (DE)

Application

EP 06016080 A 20060802

Priority

DE 102005039899 A 20050824

Abstract (en)

A lower ring, a cover ring and a catch are all made from steel. Powder gases are discharged onto the upper surface of at least one the lower ring, cover ring and catch to form a ferric oxide layer (5) one to three micrometers thick. A connection layer (6) ten to fifteen micrometers thick is formed on the inside of the lower ring, cover ring and catch. An independent claim is also included for a method for the production of a cover system.

IPC 8 full level

F41A 3/74 (2006.01); **F41A 3/76** (2006.01)

CPC (source: EP)

F41A 3/74 (2013.01); **F41A 3/76** (2013.01)

Citation (applicant)

- DE 19724847 A1 19981224 - RHEINMETALL W & M GMBH [DE]
- EP 0753599 B1 19990407 - METAPLAS IONON GMBH [DE]

Citation (search report)

- [DA] GB 2326222 A 19981216 - RHEINMETALL IND AG [DE]
- [DA] EP 0753599 A1 19970115 - METAPLAS IONON GMBH [DE]

Cited by

US8459166B2; WO2008119476A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1757892 A1 20070228; **EP 1757892 B1 20080319**; AT E389861 T1 20080415; DE 102005039899 A1 20070308; DE 502006000488 D1 20080430

DOCDB simple family (application)

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