

Title (en)

Method for inserting built-in break points into a ring shaped drivingband and obturator of a sabot projectile and tool for carrying out the method

Title (de)

Verfahren zum Einbringen von Sollbruchstellen in ein ringförmiges Halte- und Dichtungsband eines Treibkäfiggeschosses und Laborierwerkzeug zur Durchführung des Verfahrens

Title (fr)

Procédé d'application de points de rupture dans une bande de guidage et d'étanchéité en forme d'anneau d'un projectile sabot et outil destiné à l'exécution du procédé

Publication

**EP 2221576 A3 20130724 (DE)**

Application

**EP 09015605 A 20091217**

Priority

DE 102009009772 A 20090220

Abstract (en)

[origin: EP2221576A2] The method involves arranging a retaining and sealing band (14) on a sectional region of a retaining device (9), which is segmented by two longitudinal slots. A drive element (5) is connected with a guide cage (6) of a face sabot (4), where the guide cage is segmented by the slots. Breaking points are attached to the band from inner side of the band using a laboratory tool after inserting the band on the retaining device and before mounting the cage, where the slots are used for laterally guiding the laboratory tool. An independent claim is also included for a laboratory tool for performing a method for inserting breaking point in a ring like retaining and sealing band of a sabot projectile.

IPC 8 full level

**F42B 14/02** (2006.01); **F42B 14/06** (2006.01)

CPC (source: EP US)

**F42B 14/02** (2013.01 - EP US); **F42B 14/064** (2013.01 - EP US); **F42B 14/067** (2013.01 - EP US)

Citation (search report)

- [A] EP 0580511 A1 19940126 - GIAT IND SA [FR]
- [A] EP 1475600 A1 20041110 - RHEINMETALL W & M GMBH [DE]
- [A] EP 0326653 A1 19890809 - RHEINMETALL GMBH [DE]
- [A] DE 102007037738 A1 20090212 - RHEINMETALL WAFFE MUNITION [DE]

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2221576 A2 20100825; EP 2221576 A3 20130724; EP 2221576 B1 20140507**; DE 102009009772 A1 20100902; ES 2473629 T3 20140707; KR 101531427 B1 20150706; KR 20100095367 A 20100830; US 2010212479 A1 20100826; US 8171838 B2 20120508

DOCDB simple family (application)

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