

Title (en)

A METHOD OF BONDING CORES AND JACKETS OF BULLETS DESIGNED FOR SPECIAL APPLICATIONS

Title (de)

VERFAHREN ZUM VERBINDEN VON KERNEN UND HÜLLEN VON KUGELN FÜR SPEZIELLE ANWENDUNGEN

Title (fr)

PROCÉDÉ DE LIAISON DES COEURS ET CHEMISES DE BALLES CONÇUES POUR DES APPLICATIONS PARTICULIÈRES

Publication

**EP 2633263 A2 20130904 (EN)**

Application

**EP 11813862 A 20111026**

Priority

- CZ 2010783 A 20101027
- CZ 2011000105 W 20111026

Abstract (en)

[origin: WO2012055381A2] The solution according to the invention consists in a method of bonding cores and jackets of bullets where the solder and at the same time the base material forming the bullet core are lead alloys or pure Pb and the suitable non-corrosive flux is a gum rosin type flux or some solid organic acids, both in the mixture with gum rosin and alone, applied in powdered state onto the bullet cores using a specifically developed technology. The bonding of the both bullet parts is non-corrosive and its strength is fully comparable to all the other bonding methods. No significant adverse effect on the working or living environment occurs in the series production. The method is suitable for mass production of a variety of types and calibres of jacketed bullets, which are designed for loading into all sorts of hunting ammunition and civilian ammunition designed for special applications.

IPC 8 full level

**F42B 12/74** (2006.01); **F42B 12/78** (2006.01)

CPC (source: EP)

**F42B 12/74** (2013.01); **F42B 12/78** (2013.01)

Citation (search report)

See references of WO 2012055381A2

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)

**WO 2012055381 A2 20120503; WO 2012055381 A3 20120621; CZ 2010783 A3 20120509; CZ 306513 B6 20170222; EP 2633263 A2 20130904**

DOCDB simple family (application)

**CZ 2011000105 W 20111026; CZ 2010783 A 20101027; EP 11813862 A 20111026**