

Title (en)

METHOD FOR MAKING CASES FOR FIREARMS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON PATRONENHÜLSEN FÜR FEUERWAFFEN

Title (fr)

PROCÉDÉ DE FABRICATION D'ÉTUISS POUR ARMES À FEU

Publication

EP 3350538 A1 20180725 (EN)

Application

EP 16781557 A 20160913

Priority

- IT UB20153731 A 20150918
- IB 2016055441 W 20160913

Abstract (en)

[origin: WO2017046697A1] Described is a method for making cases for firearms of the type comprising a substantially cylindrical rigid pipe (2), a plastically deformable reinforcing element (6) pre-shaped with a substantially cylindrical side wall (12) and with a bottom wall (13) along whose perimeter edge (14) the side wall (12) of the reinforcing element (6) is flared outwards in such a way as to form a side anchoring tooth (15), and a substantially cylindrical rigid base (7), which has a tubular side wall (8) and a bottom wall (9) along whose perimeter edge (10) the side wall (8) is flared outwards in such a way as to form a collar (11) which has internally a seat undercut; the method comprises inserting the reinforcing element (6) in the pipe (2), and both in the base (7) until they make contact with the bottom wall (9) of the base(7); and axially compressing the reinforcing element (6) in such a way that, by deforming plastically, it expands radially until securing the pipe (2) against the inner side wall (8) of the base (7), and until inserting the anchoring tooth (15) inside the collar (11) with the consequent radial deformation of an end edge (5) of the pipe (2), which is thus secured, in flared configuration, between the anchoring tooth (15) and the collar (11).

IPC 8 full level

F42B 5/307 (2006.01); **F42B 33/00** (2006.01)

CPC (source: EP US)

F42B 5/307 (2013.01 - EP US); **F42B 33/001** (2013.01 - EP US)

Citation (search report)

See references of WO 2017046697A1

Cited by

US12066279B2

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2017046697 A1 20170323; EP 3350538 A1 20180725; EP 3350538 B1 20200318; ES 2795407 T3 20201123; IT UB20153731 A1 20170318; US 2019011231 A1 20190110

DOCDB simple family (application)

IB 2016055441 W 20160913; EP 16781557 A 20160913; ES 16781557 T 20160913; IT UB20153731 A 20150918; US 201615753853 A 20160913