

Title (en)
TOOL AND METHOD FOR PRODUCING A PROJECTILE, AND PROJECTILE

Title (de)
WERKZEUG UND VERFAHREN ZUM FERTIGEN EINES PROJEKTILS SOWIE PROJEKTIL

Title (fr)
OUTIL ET PROCÉDÉ DE FABRICATION D'UN PROJECTILE ET PROJECTILE

Publication
EP 4283245 A1 20231129 (DE)

Application
EP 23173741 A 20230516

Priority
DE 102022113108 A 20220524

Abstract (en)
[origin: US2024200918A1] A projectile may be formed having a caliber in the range from 4.6 mm to 20 mm for ammunition. The projectile may be a deformation bullet, a partial fragmentation bullet, a partial or full jacket bullet, a hard-core bullet or tracer bullet. The projectile may be formed by cold forming, in particular extrusion, from an intermediate with a tube section of substantially constant wall thickness, which constitutes at least 50% of the longitudinal extension of the intermediate.

Abstract (de)
Die vorliegende Erfindung betrifft ein Projektil mit einem Kaliber im Bereich von 4,6 mm bis 20 mm für Munition, insbesondere Deformationsgeschoss, Teilerlegungsgeschoss, Teil- oder Vollmantelgeschoss, Hartkerngeschoss oder Leuchtspurgeschoss, wobei das Projektil aus einem Intermediat mit einem Rohrabchnitt im Wesentlichen konstanter Wandstärke, der wenigstens 50% der Längserstreckung des Intermediats ausmacht, mittels Kaltumformen, insbesondere Fließpressen, hergestellt ist.

IPC 8 full level
F42B 12/34 (2006.01); **F42B 8/14** (2006.01); **F42B 12/38** (2006.01); **F42B 33/00** (2006.01)

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B21K 21/06 (2013.01 - EP); **F42B 8/14** (2013.01 - EP); **F42B 12/34** (2013.01 - EP); **F42B 12/38** (2013.01 - EP); **F42B 12/74** (2013.01 - US); **F42B 12/78** (2013.01 - US); **F42B 33/00** (2013.01 - EP US); **F42B 12/22** (2013.01 - US); **F42B 12/34** (2013.01 - US); **F42B 12/38** (2013.01 - US)

Citation (applicant)
DE 102017011359 A1 20190613 - RUAG AMMOTEC GMBH [DE]

Citation (search report)

- [AD] DE 102017011359 A1 20190613 - RUAG AMMOTEC GMBH [DE]
- [A] DE 102016015790 A1 20180329 - RUAG AMMOTEC GMBH [DE]
- [A] WO 9005891 A1 19900531 - MAYER KARL KLAUS [DE]
- [A] DE 102019135875 A1 20210701 - RUAG AMMOTEC AG [CH]
- [A] US 5131123 A 19920721 - BROOKS RANDY C [US]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
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