

Title (en)  
FIREARM EXTRACTOR

Title (de)  
AUSZIEHER FÜR FEUERWAFFEN

Title (fr)  
EXTRACTEUR D'ARME À FEU

Publication  
**EP 4174434 A1 20230503 (EN)**

Application  
**EP 22203668 A 20221025**

Priority  
US 202117511804 A 20211027

Abstract (en)  
Provided herein are extractors, bolt assemblies, firearms, and related methods, devices, and assemblies. A firearm extractor includes a first end, a second end opposite the first end, an axis defined between the first end and the second end, and a pivot portion between the first end and the second end. The extractor may include a notch defined at the inner side of the extractor at an axial location between the pivot portion and the first end that, in operation, engages a cartridge casing having a diameter greater than a casing of a 5.56 NATO cartridge or other platform-standard cartridge. A thickness of the extractor in at least one location defined at the axial location of the notch disposed radially inward of one or more lugs of a barrel or a barrel extension during cycling of the bolt may be greater than 0.019 inches.

IPC 8 full level  
**F41A 15/14** (2006.01)

CPC (source: EP)  
**F41A 15/14** (2013.01)

Citation (search report)

- [XYI] US 2012180354 A1 20120719 - SULLIVAN LEROY JAMES [US], et al
- [Y] US 2014090283 A1 20140403 - GOMEZ JESUS S [US]
- [A] US 7735410 B2 20100615 - CLARK ROBERT BERNARD IREDALE [GB]
- [A] CH 228000 A 19430731 - RHEINMETALL BORSIG AG [DE]

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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DOCDB simple family (publication)  
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