

Title (en)

METHOD AND DEVICE FOR THE BURR-FREE SEPARATION OF A WIRE AND A CORRESPONDINGLY SEPARATED WIRE PIECE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM GRATFREIEN ABTRENNEN EINES DRAHTES SOWIE EIN ENTSPRECHEND ABGETRENNNTES DRAHTSTÜCK

Title (fr)

PROCÉDÉ ET DISPOSITIF DE SÉPARATION SANS BAVURE D'UN FIL ET ÉLÉMENT DE FIL SÉPARÉ CORRESPONDANT

Publication

EP 3676031 A1 20200708 (DE)

Application

EP 19736998 A 20190618

Priority

- DE 102018114579 A 20180618
- EP 2019066036 W 20190618

Abstract (en)

[origin: WO2019243342A1] The invention relates to a method for the burr-free separation of a wire, to a device (10) for the burr-free separation of a wire (12), and to a wire piece and a hairpin. In the method, a wire is tapered by shaping and subsequently separated by applying a tensile force.

IPC 8 full level

B21F 11/00 (2006.01)

CPC (source: EP US)

B21F 11/00 (2013.01 - EP US)

Citation (search report)

See references of WO 2019243342A1

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)

DE 102018114579 B3 20191010; CN 112566735 A 20210326; CN 112566735 B 20230530; EP 3676031 A1 20200708;
US 2021260644 A1 20210826; WO 2019243342 A1 20191226

DOCDB simple family (application)

DE 102018114579 A 20180618; CN 201980053370 A 20190618; EP 19736998 A 20190618; EP 2019066036 W 20190618;
US 201917253695 A 20190618