

Title (en)

DEVICE FOR REMOVING MANDRELS FROM BLIND RIVETS

Title (de)

VORRICHTUNG ZUM ENTFERNEN VON DORNEN VON BLINDNIETEN

Title (fr)

DISPOSITIF POUR ENLEVER DES MANDRINS DE RIVETS AVEUGLES

Publication

**EP 4186614 A1 20230531 (EN)**

Application

**EP 22466003 A 20221129**

Priority

CZ 2021544 A 20211130

Abstract (en)

The invention is a device for automatic removing mandrels from blind rivets comprising a guide tube (T) and a container (Z), wherein a clamp (K) is provided at one end of the guide tube (T), the guide tube (T) extending at the opposite end into the container (Z), wherein the guide tube (T) is longitudinally movable relative to the frame (R).

IPC 8 full level

**B21J 15/04** (2006.01); **B21J 15/32** (2006.01)

CPC (source: CZ EP)

**B21J 15/043** (2013.01 - EP); **B21J 15/105** (2013.01 - CZ); **B21J 15/326** (2013.01 - CZ EP)

Citation (applicant)

- US 8091195 B2 20120110 - LIN YU-CHING [TW]
- US 2013149049 A1 20130613 - KLEIN HUBERTUS [DE]
- US 5600878 A 19970211 - BYRNE DARREN S [US], et al
- US 8925166 B2 20150106 - ERNI ALAIN [CH]
- US 2006179649 A1 20060817 - BOUMAN WIM [CA], et al
- EP 1690613 A1 20060816 - TEXTRON INC [US]

Citation (search report)

- [A] DE 102014208841 A1 20151112 - BAYERISCHE MOTOREN WERKE AG [DE]
- [A] US 8925166 B2 20150106 - ERNI ALAIN [CH]
- [A] US 2013149049 A1 20130613 - KLEIN HUBERTUS [DE]
- [A] EP 0739664 B1 20010523 - EMHART INC [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

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DOCDB simple family (publication)

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