

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)

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- US 2013149049 A1 20130613 - KLEIN HUBERTUS [DE]
- US 5600878 A 19970211 - BYRNE DARREN S [US], et al
- US 8925166 B2 20150106 - ERNI ALAIN [CH]
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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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