

Title (en)
DEVICE FOR MACHINING A PLURALITY OF BARS BY ELECTRO-EROSION

Title (de)
VORRICHTUNG ZUM ELEKTROEROSIVEN BEARBEITEN MEHRERER STANGEN

Title (fr)
DISPOSITIF D'USINAGE PAR ÉLECTROÉROSION D'UNE PLURALITÉ DE BARRES

Publication
EP 4247581 A1 20230927 (FR)

Application
EP 21820658 A 20211116

Priority
• FR 2011782 A 20201117
• FR 2011783 A 20201117
• FR 2021000135 W 20211116

Abstract (en)
[origin: WO2022106762A1] The present invention relates to a device (1) for machining by electro-erosion, comprising a substantially linear electrode (11) and at least one bar holder (21) which is able to retain a plurality of bars (3) to be machined, which bars are substantially coplanar and parallel, and to move them together up to the electrode (11) in a dielectric liquid. According to the invention, this device comprises an intake apparatus (6) which is able to draw in the dielectric liquid, the intake apparatus (6) comprising at least one intake opening (61) which is associated with each of the contact points between one of the bars (3) and the electrode (11) and which is able to draw in the dielectric liquid surrounding this contact point.

IPC 8 full level
B23H 7/10 (2006.01); **B23H 1/02** (2006.01); **B23H 9/14** (2006.01); **B23H 11/00** (2006.01)

CPC (source: EP)
B23H 1/028 (2013.01); **B23H 7/101** (2013.01); **B23H 9/14** (2013.01); **B23H 11/003** (2013.01)

Citation (search report)
See references of WO 2022106762A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022106762 A1 20220527; EP 4247581 A1 20230927

DOCDB simple family (application)
FR 2021000135 W 20211116; EP 21820658 A 20211116