

Title (en)
BRUSH DEVICE FOR MACHINING WORKPIECES

Title (de)
BÜRSTEINRICHTUNG ZUM BEARBEITEN VON WERKSTÜCKEN

Title (fr)
DISPOSITIF DE BROSSAGE DESTINE AU TRAITEMENT DE PIECES A USINER

Publication
EP 3241460 A1 20171108 (DE)

Application
EP 16168107 A 20160503

Priority
EP 16168107 A 20160503

Abstract (en)
[origin: JP2017200723A] PROBLEM TO BE SOLVED: To provide a brushing device which is of simple construction and easily operable and functions sufficiently without relatively rotatable parts. SOLUTION: A brushing device has a bundle of fiber rods 1, which are arranged parallel to one another, and a protective sleeve 2, which encloses the fiber rods. Once the fiber rods 1 have become worn, the protective sleeve 2 is able to be axially moved, so that free ends of the fiber rods 1 protrude beyond the protective sleeve 2 by a desired amount. A first component 4 connected to the fiber rods 1 and a further, second component 8 connected to the protective sleeve 2 are detachably connected to one another, in a friction bonding manner, by a clamping mechanism 3, 5, 11. SELECTED DRAWING: Figure 1

Abstract (de)
Die Bürsteinrichtung enthält ein Bündel von parallel zueinander angeordneten Faserstäben (1) und eine die Faserstäbe umschliessende Schutzhülse (2). Bei abgenutzten Faserstäben (1) lässt sich die Schutzhülse (2) axial verstellen, so dass die freien Enden der Faserstäbe (1) die Schutzhülse (2) um einen gewünschten Betrag überragen. Ein mit den Faserstäben (1) verbundenes erstes Bauteil (4) und ein mit der Schutzhülse (2) verbundenes weiteres, zweites Bauteil (8) sind durch einen Klemmmechanismus (3, 5, 11) lösbar kraftschlüssig miteinander verbunden.

IPC 8 full level
A46B 17/04 (2006.01); **B24D 13/14** (2006.01)

CPC (source: CN EP RU US)
A46B 3/08 (2013.01 - CN); **A46B 9/10** (2013.01 - EP US); **A46B 13/02** (2013.01 - EP US); **A46B 17/04** (2013.01 - EP US); **B24B 29/00** (2013.01 - RU); **B24B 55/04** (2013.01 - EP); **B24D 13/14** (2013.01 - RU); **B24D 13/145** (2013.01 - CN EP US); **A46B 2200/3073** (2013.01 - EP US); **A46B 2200/3086** (2013.01 - CN EP US)

Citation (applicant)
WO 2015178273 A1 20151126 - XEBEC TECHNOLOGY CO LTD [JP], et al

Citation (search report)
• [XY] EP 2522461 A1 20121114 - BIESSE SPA [IT]
• [XY] JP S56146020 U 19811104
• [Y] JP 2005111640 A 20050428 - XEBEC TECHNOLOGY CO LTD, et al
• [AD] WO 2015178273 A1 20151126 - XEBEC TECHNOLOGY CO LTD [JP], et al

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

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DOCDB simple family (publication)
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DOCDB simple family (application)
EP 16168107 A 20160503; CN 201710303734 A 20170503; JP 2017091122 A 20170501; MX 2017005015 A 20170418; RU 2017114949 A 20170427; SG 10201702839T A 20170406; US 201715584428 A 20170502