

Title (en)

Method and apparatus for polishing a workpiece surface

Title (de)

Verfahren und Vorrichtung zum Polieren einer Werkstückoberfläche

Title (fr)

Procédé et appareil pour le polissage de la surface d'une pièce de travail

Publication

**EP 2196285 A1 20100616 (EN)**

Application

**EP 08171346 A 20081211**

Priority

EP 08171346 A 20081211

Abstract (en)

The invention relates to a method for machining a workpiece surface, in which a machining area of the workpiece surface is machined under the influence of a polishing operation; the method comprising providing a fluid jet of abrasive liquid for impacting the machining area, wherein the fluid jet is arranged to break up in droplets prior to impacting the machining area.

IPC 8 full level

**B24C 1/08** (2006.01); **B24C 5/02** (2006.01); **B24C 5/08** (2006.01)

CPC (source: EP)

**B24C 1/08** (2013.01); **B24C 5/005** (2013.01); **B24C 5/02** (2013.01); **B24C 5/08** (2013.01)

Citation (applicant)

- WO 9926764 A2 19990603 - TNO [NL], et al
- WO 9902674 A1 19990121 - UNIV DUNDEE [GB], et al

Citation (search report)

- [X] DE 3343611 A1 19850613 - WOMA MAASBERG CO GMBH W [DE]
- [X] US 5154347 A 19921013 - VIJAY MOHAN M [CA]
- [X] US 5512318 A 19960430 - RAGHAVAN CHIDAMBARAM [US], et al
- [X] EP 1036633 A2 20000920 - SHIBUYA KOGYO CO LTD [JP], et al
- [X] JP H0435874 A 19920206 - SONY CORP
- [X] EP 0335503 A2 19891004 - CLEANING TECH LTD [GB]
- [A] US 5759086 A 19980602 - KLINGEL HANS [DE]
- [A] US 2005127037 A1 20050616 - TANNOUS ADEL G [US], et al
- [A] SU 1098775 A1 19840623 - STAROBINETS GENNADIJ G, et al

Cited by

CN107671746A; CN107553351A; CN103659614A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**EP 2196285 A1 20100616**; WO 2010068108 A1 20100617

DOCDB simple family (application)

**EP 08171346 A 20081211**; NL 2009050761 W 20091211