

Title (en)

Apparatus and method for machining the surface in recesses of workpieces

Title (de)

Bearbeitungsvorrichtung und -verfahren zum Bearbeiten von Oberflächen in Vertiefungen von Werkstücken

Title (fr)

Appareil et méthode pour usiner les surfaces creux de pièces

Publication

EP 1698431 A1 20060906 (DE)

Application

EP 06004051 A 20060228

Priority

DE 102005010286 A 20050301

Abstract (en)

Machining device comprises a machining body (14) having externally acting magnets for adhering magnetic or magnetically abrasive machining powder to a peripheral surface of the body and a workpiece holder positioned relative to the machining body and driven in an advancing or rotating position via corresponding positioning units and drives and directly connected to the bearing of the machining body. Preferred Features: The machining body is formed as a magnetic head in which the magnets for holding the machining powder are formed by a number of permanent magnets.

IPC 8 full level

B24B 1/00 (2006.01); **B24B 3/24** (2006.01)

CPC (source: EP US)

B24B 1/005 (2013.01 - EP US); **B24B 3/24** (2013.01 - EP US)

Citation (applicant)

WO 0238334 A1 20020516 - KMM OBERFLAECHENTECHNIK GMBH [DE], et al

Citation (search report)

- [Y] GB 2155369 A 19850925 - INST SVERKHTVERDYKH MATERIAL O
- [Y] US 2002168922 A1 20021114 - MORTELL PAUL D [US], et al
- [A] US 5241792 A 19930907 - NAKA HIROKAZU [JP], et al

Designated contracting state (EPC)

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