

Title (en)

USE OF A DEVICE FOR THE ABRASIVE MACHINING OF SURFACES OF ELEMENTS AND IN PARTICULAR OPTICAL ELEMENTS OR WORKPIECES

Title (de)

VERWENDUNG EINER VORRICHTUNG ZUR ABRASIVEN BEARBEITUNG VON FLÄCHEN VON ELEMENTEN UND INSBESONDERE VON OPTISCHEN ELEMENTEN BZW. WERKSTÜCKEN

Title (fr)

UTILISATION D'UN DISPOSITIF POUR L'USINAGE PAR ABRASION DE SURFACES D'ELEMENTS ET NOTAMMENT D'ELEMENTS OU DE PIECES OPTIQUES

Publication

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Application

EP 02716837 A 20020320

Priority

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Abstract (en)

[origin: WO02074489A1] The invention relates to a device for the abrasive machining of surfaces of elements. Said device comprises a tool (1) with an inlet (11) and an outlet (12), a supply unit that supplies a liquid to the inlet (11), said liquid containing dissolved abrasive agents and emerging from the outlet (12) and a positioning device, which guides the tool over the surface to be machined, positioning said tool in such a way that the outlet lies opposite the surface to be machined. According to the invention, the surface area of the annular gap (3) that is formed by the limiting walls (13) of the outlet (12) and the surface (2) to be machined is smaller than the cross-sectional surface of the inlet (11).

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