

Title (en)

TOOL AND METHOD FOR POLISHING OPTICAL SURFACES

Title (de)

WERKZEUG UND VERFAHREN ZUM POLIEREN VON OPTISCHEN FLÄCHEN

Title (fr)

OUTIL ET PROCEDE DESTINES AU POLISSAGE DE SURFACES OPTIQUES

Publication

EP 1787752 A4 20100428 (EN)

Application

EP 05774477 A 20050726

Priority

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Abstract (en)

[origin: EP1787752A1] The invention relates to a tool for polishing optical surfaces, comprising a rigid body (10) which is equipped with a polishing face (12) and an elastic sheet (20) which is disposed between the polishing face (12) and the optical surface to be polished. According to the invention, the polishing face (12) of the rigid body (20) takes the form of a portion of a geometric surface which is defined by at least three parameters. In a preferred embodiment of the invention, the aforementioned surface is atoric. The inventive method consists in selecting the above-mentioned tool from a set of available tools, applying an elastic sheet (20) thereto, polishing at least one optical surface and changing the elastic sheet (20) before polishing other optical surfaces. The original shape is maintained with greater precision in relation to the entire surface to be polished, but particularly close to the edges and/or at the centre thereof.

IPC 8 full level

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CPC (source: EP ES US)

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Citation (search report)

No further relevant documents disclosed

Cited by

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