Title (en)

DEVICE AND METHOD FOR POLISHING AN OPTICAL SURFACE AND METHOD FOR THE PRODUCTION OF A POLISHING TOOL

Title (de)

VORRICHTUNG UND VERFAHREN ZUM POLIEREN EINER OPTISCHEN FLÄCHE SOWIE VERFAHREN ZUM HERSTELLEN EINES POLIERWERKZEUGS

Title (fr)

DISPOSITIF ET PROCEDE POUR POLIR UNE SURFACE OPTIQUE ET PROCEDE POUR REALISER UN OUTIL DE POLISSAGE

Publication

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Application

EP 05700889 A 20050113

Priority

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Abstract (en)

[origin: WO2005068133A1] Disclosed is a device for polishing an optical surface, particularly a surface (16) of a spectacle lens (12). A polishing head (20) is provided with a polishing tool (22) comprising a first, preferably rigid body (24), a second, elastic body (26), and a polishing coating (28) which are disposed one behind another along a common axis (36) and extend essentially in a radial direction in relation to said axis (36), respectively. The second body (26) is embodied in an increasingly soft manner towards the outside in a radial direction (h; x, y). Also disclosed are a method for polishing an optical surface, particularly a surface (16) of a spectacle lens (12), an optical component, especially a spectacle lens (12), which is produced according to said method, and a method for producing a polishing tool (20).

IPC 8 full level

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CPC (source: EP US)

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