Title (en)

POLISHING DISC FOR A TOOL FOR FINE PROCESSING OF OPTICALLY ACTIVE SURFACES OF IN PARTICULAR SPECTACLE LENSES

Title (de)

POLIERTELLER FÜR EIN WERKZEUG ZUR FEINBEARBEITUNG VON OPTISCH WIRKSAMEN FLÄCHEN AN BRILLENGLÄSERN

Title (fr)

DISQUE À POLIR POUR UN OUTIL DESTINÉ AU TRAITEMENT PRÉCIS DE SURFACES OPTIQUES ACTIVES EN PARTICULIER SUR DES VERRES DE LUNETTES

Publication

EP 3206837 B1 20191120 (DE)

Application

EP 15763495 A 20150916

Priority

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Abstract (en)

[origin: CA2964212A1] A polishing disc for a tool for fine processing of optically effective surfaces on spectacle lenses is described. The disc includes a base body having a center axis with a secured intermediate layer of a resilient material, on which a polishing medium carrier rests. The intermediate layer is softer by comparison with the base body, where the intermediate layer has two regions of different hardness arranged in succession in the direction of the center axis and being formed by mutually different foam material layers. The foam material layer adjoining the base body is softer than the foam material layer on which the polishing medium carrier rests. Further, as determined for the case of whole-area compression, the static modulus of elasticity of the harder foam material layer is between 0.40 and 1.50 N/mm2, and the static modulus of elasticity of the softer foam material layer is between 0.25 and 0.45 N/mm2.

IPC 8 full level

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