

Title (en)

Polishing disc for a tool for fine processing of optically active surfaces of in particular spectacle lenses and method for its production

Title (de)

Polierteller für ein Werkzeug zur Feinbearbeitung von optisch wirksamen Flächen an insbesondere Brillengläsern und Verfahren für dessen Herstellung

Title (fr)

Disque à polir pour un outil destiné au traitement précis de surfaces optiques actives en particulier sur des verres de lunettes et son procédé de fabrication

Publication

EP 2014412 B1 20101110 (DE)

Application

EP 08010088 A 20080603

Priority

DE 102007026841 A 20070606

Abstract (en)

[origin: US2008305723A1] A polishing disc for a tool for the fine machining of optically active surfaces, particularly on spectacle lenses as workpieces, comprises a main body which has a center axis and on which there is fixed an intermediate layer which is softer than the main body and on which a polishing agent carrier rests. The intermediate layer has, with respect to the center axis, a radial inner region of substantially constant axial thickness and an adjoining radial outer region. The latter is formed or is fixed to the main body in a particular way so as to prevent the edge of the polishing disc from being imprinted on the machined surface of the workpiece in the form of very fine, scratch-like microstructures. Also proposed is a simple method which can be used to produce such a polishing disc.

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102016004328A1; DE102009041442A1; DE102014015052A1; DE102011014230A1; DE102009036981A1; WO2017178110A1; DE102017120333A1; WO2016058661A1; WO2012123120A1; EP2298498A2; DE202015009504U1; EP2308644A2; DE102009048757A1; WO2011018212A1; DE202009018907U1

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