

Title (en)
METHOD FOR SMOOTHING SURFACES

Title (de)
VERFAHREN ZUM GLÄTTEN VON OBERFLÄCHEN

Title (fr)
PROCÉDÉ DE LISSAGE DE SURFACES

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Abstract (en)
[origin: WO2020225225A1] The present invention relates to a method for smoothing surfaces (12), with which method surfaces (12) can be smoothed more effectively than before and can also be smoothed in a direct machining method. Above all, surfaces (12) of metal optics, particularly aluminium-based optics (10) can be smoothed more effectively than before. The optical properties (refractive index and coefficient of absorption) of surfaces (24) smoothed in such a way remain substantially unchanged. Furthermore, the smoothed surfaces (24) have a high long-term stability with regard to their chemical and/or mechanical resistance and their geometric and/or optical properties.

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