

Title (en)

METHOD OF INCREASING THE STRENGTH AND/OR HARDNESS OF A GLASS ARTICLE

Title (de)

VERFAHREN ZUM ERHÖHEN DER FESTIGKEIT UND/ODER DER HÄRTE EINES GLASGEGENSTANDES

Title (fr)

PROCÉDÉ POUR AUGMENTER LA RÉSISTANCE ET/OU LA DURETÉ D'UN ARTICLE EN VERRE

Publication

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Application

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Abstract (en)

[origin: WO2022049203A1] The invention relates to methods of increasing the strength, especially the flexural strength, of a glass article produced from a glass material. The method includes the step of heating the glass article to a first temperature above the transformation temperature of the glass material, the step of shock cooling the glass article to a second temperature below the transformation temperature of the glass material, and the step of performing an ion exchange process at the second temperature.

IPC 8 full level

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