

Title (en)

OPHTHALMIC SEGMENT GLASS WITH HIGH ND, LENSES CONTAINING SAME

Title (de)

OPHTHALMISCHE GLASSEGMENTE MIT HOHEM ND UND DIESE ENTHALTENDE LINSEN

Title (fr)

VERRE POUR SEGMENTS OPHTALMIQUES A INDICE DE REFRACTION ELEVE

Publication

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Application

EP 01922349 A 20010313

Priority

US 0107876 W 20010313

Abstract (en)

[origin: WO02072491A1] The present invention relates to very high refractive index glasses ($1.78 < n < 1.83$), having the following composition of oxides, expressed in percentages by weight :SiO₂20- < 27B₂O₃-11Li₂O₂-8Na₂O₀-5K₂O₀-5BaO₇-15CaO₀-11La₂O₃7-12PbO₇-20TiO₂7-14ZrO₂-5Nb₂O₅ > 8-16with: Li₂O+Na₂O+K₂O > 6BaO+CaO +La₂O₃ > 27TiO₂+Nb₂O₅+PbO > 29,to their use for the production of segments for multifocal corrective lenses and to multifocal corrective lenses incorporating at least one such segment in their structure.

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