

Title (en)

OPHTHALMIC SEGMENT GLASS WITH HIGH ND, LENSES CONTAINING SAME

Title (de)

OPHTHALMISCHE GLASSEGMENTE MIT HOHEM ND UND DIESE ENTHALTENDE LENSEN

Title (fr)

VERRE POUR SEGMENTS OPHTALMIQUES A INDICE DE REFRACTION ELEVE

Publication

EP 1280741 A1 20030205 (EN)

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.

IPC 1-7

C03C 3/072

IPC 8 full level

C03C 3/072 (2006.01); **G02C 7/02** (2006.01); **G02C 7/06** (2006.01)

CPC (source: EP)

C03C 3/072 (2013.01)

Citation (search report)

See references of WO 02072491A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 02072491 A1 20020919; BR 0108000 A 20021217; CA 2408225 A1 20020919; EP 1280741 A1 20030205; JP 2004519402 A 20040702; MX PA03000625 A 20030523

DOCDB simple family (application)

US 0107876 W 20010313; BR 0108000 A 20010313; CA 2408225 A 20010313; EP 01922349 A 20010313; JP 2002571415 A 20010313; MX PA03000625 A 20010313