

Title (en)

BORATE OR ALUMINOSILICATE GLASS COMPOSITION FOR OPTICAL AMPLIFICATION

Title (de)

BORAT- ODER ALUMINOSILIKATGLASZUSAMMENSETZUNG FÜR OPTISCHE VERSTÄRKUNG

Title (fr)

COMPOSITION DE VERRE A BASE DE BORATE OU D'ALUMINOSILICATE CONVENANT POUR L'AMPLIFICATION OPTIQUE

Publication

**EP 1204612 A1 20020515 (EN)**

Application

**EP 00941481 A 20000616**

Priority

- FR 9909459 A 19990721
- US 0016626 W 20000616

Abstract (en)

[origin: FR2796637A1] In the glass composition, the value  $R \leq 1.3$  is given by  $(X_2O + YO)/(Al_2O_3 + B_2O_3)$ , where  $X_2O$  is the sum of alkaline oxides in the composition and  $YO$  is the sum of alkaline earth oxides, plus ZnO and PbO in the composition.

IPC 1-7

**C03C 3/095**

IPC 8 full level

**C03C 3/118** (2006.01); **C03C 3/095** (2006.01); **C03C 3/102** (2006.01); **C03C 3/105** (2006.01); **C03C 3/108** (2006.01); **C03C 3/11** (2006.01); **C03C 3/112** (2006.01); **C03C 3/115** (2006.01); **C03C 4/00** (2006.01); **C03C 4/12** (2006.01); **H01S 3/06** (2006.01); **H01S 3/17** (2006.01)

CPC (source: EP)

**C03C 3/095** (2013.01); **C03C 4/0071** (2013.01)

Citation (search report)

See references of WO 0107374A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**FR 2796637 A1 20010126**; **FR 2796637 B1 20020607**; AU 5618500 A 20010213; CA 2380051 A1 20010201; CN 1361753 A 20020731; EP 1204612 A1 20020515; JP 2003505327 A 20030212; WO 0107374 A1 20010201

DOCDB simple family (application)

**FR 9909459 A 19990721**; AU 5618500 A 20000616; CA 2380051 A 20000616; CN 00810615 A 20000616; EP 00941481 A 20000616; JP 2001512466 A 20000616; US 0016626 W 20000616