

Title (en)  
BOROSILICATE GLASS WITH HIGH CHEMICAL RESISTANCE AND USE THEREOF

Title (de)  
BOROSILICATGLAS HOHER CHEMISCHER BESTÄNDIGKEIT UND DESSEN VERWENDUNGEN

Title (fr)  
VERRE BOROSILICATE A HAUTE RESISTANCE CHIMIQUE ET SES UTILISATIONS

Publication  
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Application  
**EP 01956543 A 20010718**

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Abstract (en)  
[origin: WO0208134A1] The invention relates to a borosilicate glass with high chemical resistance, with a composition (in wt. %, based on oxide) of SiO<sub>2</sub> 70 - 77; B<sub>2</sub>O<sub>3</sub> 6 - <11.5; Al<sub>2</sub>O<sub>3</sub> 4 8.5; Li<sub>2</sub>O 0 - 2; Na<sub>2</sub>O 4 - 9.5; K<sub>2</sub>O 0 - 5; with Li<sub>2</sub>O + Na<sub>2</sub>O + K<sub>2</sub>O 5 - 11; MgO 0 - 2; CaO 0 - 2; with MgO + CaO 0 - 3; ZrO<sub>2</sub> 0 - < 0.5 and CeO<sub>2</sub> 0 - 1. The glass is particularly suitable as a pharmaceutical primary packaging.

IPC 1-7  
**C03C 3/091**; **C03C 3/093**; **C03C 3/095**; **C03C 4/20**

IPC 8 full level  
**C03C 3/091** (2006.01); **C03C 3/093** (2006.01); **C03C 3/095** (2006.01); **C03C 4/20** (2006.01)

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