

Title (en)
BLUE SODA LIME GLASS

Title (de)
BLAUES KALK-NATRON-GLAS

Title (fr)
VERRE SODO-CALCIQUE BLEU

Publication
EP 1165452 A1 20020102 (FR)

Application
EP 00914083 A 20000221

Priority

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Abstract (en)
[origin: EP1031543A1] The invention relates to blue coloured sodiocalcic glass. It contains 0.15 to 1.1 wt. % Fe₂O₃, has a redox that does not exceed 45 %, exhibits a dominant wavelength (λ_D) in the range of 490 and 493 nm and a luminous transmission (TLA₄) in addition to an excitation purity (P) satisfying the relation $P > -0.3 \times TLA_4 + 24.5$. The inventive glass is particularly suitable for windscreens, side windows and rear-window defoggers in motor vehicles and glazing in buildings.

IPC 1-7
C03C 3/087; **C03C 4/02**; **C03C 4/08**

IPC 8 full level
C03C 3/095 (2006.01); **C03C 3/087** (2006.01); **C03C 4/02** (2006.01); **C03C 4/08** (2006.01)

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Citation (search report)
See references of WO 0050352A1

Citation (examination)

- EP 0748776 A2 19961218 - NIPPON SHEET GLASS CO LTD [JP]
- US 5688727 A 19971118 - SHELESTAK LARRY J [US], et al
- EP 0653386 A1 19950517 - PPG INDUSTRIES INC [US]
- WO 9107356 A1 19910530 - LIBBEY OWENS FORD CO [US]
- WO 9111402 A1 19910808 - CHENG J JOSEPH [US], et al

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