Title (en)

GLASS SUBSTRATE WITH LOW INFRARED TRANSMISSION FOR DISPLAY SCREEN

Title (de)

GLASSUBSTRAT MIT NIEDRIGER INFRAROT-ÜBERTRAGUNG FÜR EINEN ANZEIGEBILDSCHIRM

Title (fr)

SUBSTRAT EN VERRE A FAIBLE TRANSMISSION INFRAROUGE POUR ECRAN DE VISUALISATION

Publication

EP 1919835 A2 20080514 (FR)

Application

EP 06778917 A 20060609

Priority

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- FR 0551575 A 20050610

Abstract (en)

[origin: WO2006131682A2] The invention concerns display screens, in particular emissive displays. The invention concerns a glass composition for making a display screen substrate having an infrared radiation transmission factor measured at 910 nm (T_{IR910}) not more than 40 %, a global light transmission factor under illuminant D65 (TL_{D65}) higher than 40 %, a dominant wavelength (D) ranging<SUP/>from 480 to 570 nm and<SUP/>a purity not more than 8 %, measured under a glass thickness<SUP/>of 2.8 mm, said composition comprising the following coloring<SUP/>agents, in wt[.]%: Fe₂O₃:0.4-2 %; FeO:0.1-0.6 %; CoO: 0-200 ppm; Se:0-30 ppm;<SUP/>NiO: 0-1000 ppm;<SUP/>CuO: 0-6600 ppm<SUP/>

IPC 8 full level

C03C 3/087 (2006.01); **C03C 4/02** (2006.01); **C03C 4/08** (2006.01)

CPC (source: EP KR US)

C03C 3/087 (2013.01 - EP KR US); **C03C 4/02** (2013.01 - EP KR US); **C03C 4/08** (2013.01 - KR); **C03C 4/082** (2013.01 - EP US)

Citation (search report)

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