

Title (en)
PRIVACY GLASS FOR VEHICLES

Title (de)
SICHTSCHUTZGLAS FÜR FAHRZEUGE

Title (fr)
VITRE TEINTÉE POUR VÉHICULES

Publication
EP 3068738 A1 20160921 (EN)

Application
EP 14737342 A 20140312

Priority
• TR 201313333 A 20131116
• TR 2014000072 W 20140312

Abstract (en)
[origin: WO2015072939A1] The present invention is a dark-colored special glass having thickness in the range of 2 mm - 6 mm and having low transmittance, preferably for use in vehicles, and comprising the main composition whose component proportions are given below and comprising selenium in the range of 11-25 ppm in the glass, which is the final product, in order to provide color in smoke tones to the glass by being used together with cobalt oxide: Component Weight % SiO₂ 60-75 Na₂O 10-25 CaO 5-20 MgO 3.5 - 5 Al₂O₃ 0-5 K₂O 0-5 and comprising the following colorants in weight: Component Amount % Fe₂O₃ (In weight) (in the glass) 1.35-1.45 CoO (ppm)(in the glass) 245-255 NaNO₃ (in the mixture) (kg/100kg glass) 0.3 - 0.5 characterized by comprising tin oxide in the range of 0.05-1.0 % in weight reducing Fe⁺³, obtained from ironoxide, to Fe⁺² and increasing permanence of selenium, when compared to glass without tin, in the dark colored glass which is the final product.

IPC 8 full level
C03C 3/078 (2006.01); **C03C 3/087** (2006.01); **C03C 4/08** (2006.01)

CPC (source: EP)
C03C 3/078 (2013.01); **C03C 3/087** (2013.01); **C03C 4/082** (2013.01); **C03C 4/085** (2013.01)

Citation (search report)
See references of WO 2015072939A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2015072939 A1 20150521; EP 3068738 A1 20160921; RU 2016123396 A 20190327; RU 2016123396 A3 20190327

DOCDB simple family (application)
TR 2014000072 W 20140312; EP 14737342 A 20140312; RU 2016123396 A 20140312