

Title (en)

GLASS MELTING IN THE PRESENCE OF SULPHUR

Title (de)

GLASSCHMELZUNG UNTER VERWENDUNG VON SCHWEFEL

Title (fr)

FUSION DU VERRE EN PRESENCE DE SULFURE

Publication

**EP 2059486 A2 20090520 (FR)**

Application

**EP 07823763 A 20070903**

Priority

- FR 2007051866 W 20070903
- FR 0653616 A 20060907

Abstract (en)

[origin: WO2008029054A2] The invention relates to a process for producing a glass by melting glass-forming materials, called batch, comprising silica and an alkali or alkaline-earth metal sulphate, at above 1300°C, characterized in that a sulphide is added to the batch so as to reduce the height of foam on the surface of the liquid glass bath at above 1300°C. The invention reduces surface foam formation on the glass and improves the heat exchange between the overhead burners and the glass bath. The invention is particularly suitable for glass intended to be fiberized.

IPC 8 full level

**C03C 1/00** (2006.01)

CPC (source: EP US)

**C03C 1/002** (2013.01 - EP US); **C03C 1/004** (2013.01 - EP US)

Citation (search report)

See references of WO 2008029054A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**FR 2905693 A1 20080314**; **FR 2905693 B1 20090626**; EP 2059486 A2 20090520; US 2009277227 A1 20091112; WO 2008029054 A2 20080313; WO 2008029054 A3 20080424

DOCDB simple family (application)

**FR 0653616 A 20060907**; EP 07823763 A 20070903; FR 2007051866 W 20070903; US 43993007 A 20070903