

Title (en)
GLASS-CERAMICS AND GLASSES

Title (de)
GLASKERAMIK UND GLÄSER

Title (fr)
VITROCÉRAMIQUES ET VERRES

Publication
EP 3700871 A4 20210804 (EN)

Application
EP 18871435 A 20181023

Priority
• US 201762575763 P 20171023
• US 201715840040 A 20171213
• US 2018057009 W 20181023

Abstract (en)
[origin: WO2019083937A2] A glass-ceramic includes silicate-containing glass and crystalline phases, where the crystalline phase includes non-stoichiometric suboxides of tungsten and/or molybdenum, or alternatively titanium, forming 'bronze'-type solid state defect structures in which vacancies are occupied with dopant cations.

IPC 8 full level
C03C 10/00 (2006.01); **C03C 3/091** (2006.01); **C03C 3/097** (2006.01); **C03C 3/118** (2006.01); **C03C 3/089** (2006.01); **C03C 4/08** (2006.01); **C03C 21/00** (2006.01)

CPC (source: CN EP KR)
C03C 3/062 (2013.01 - KR); **C03C 3/087** (2013.01 - KR); **C03C 3/089** (2013.01 - EP); **C03C 3/091** (2013.01 - EP KR); **C03C 3/097** (2013.01 - EP); **C03C 3/118** (2013.01 - EP); **C03C 4/082** (2013.01 - EP); **C03C 4/085** (2013.01 - EP); **C03C 10/00** (2013.01 - CN); **C03C 10/0009** (2013.01 - KR); **C03C 10/0018** (2013.01 - CN); **C03C 10/0027** (2013.01 - CN); **C03C 10/0054** (2013.01 - EP); **C03C 21/002** (2013.01 - EP)

Citation (search report)
• [E] WO 2019118488 A1 20190620 - CORNING INC [US]
• [XP] WO 2017218859 A1 20171221 - CORNING INC [US]
• [E] WO 2019118493 A1 20190620 - CORNING INC [US]
• [E] WO 2019113029 A1 20190613 - CORNING INC [US]
• [X] US 3293052 A 19661220 - SAWCHUK LORIS G, et al

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

DOCDB simple family (publication)
WO 2019083937 A2 20190502; WO 2019083937 A3 20190620; CN 111511696 A 20200807; CN 113185129 A 20210730; CN 113185129 B 20220527; CN 118666493 A 20240920; CN 118702410 A 20240927; EP 3700871 A2 20200902; EP 3700871 A4 20210804; JP 2021500299 A 20210107; JP 2024010059 A 20240123; JP 7429189 B2 20240207; KR 20200062349 A 20200603; NL 2021858 A 20190425; NL 2021858 B1 20191024; TW 201922660 A 20190616; TW 202346229 A 20231201; TW I811252 B 20230811

DOCDB simple family (application)
US 2018057009 W 20181023; CN 201880083167 A 20181023; CN 202110539754 A 20181023; CN 202410885318 A 20181023; CN 202410885321 A 20181023; EP 18871435 A 20181023; JP 2020522710 A 20181023; JP 2023181649 A 20231023; KR 20207014446 A 20181023; NL 2021858 A 20181023; TW 107137309 A 20181023; TW 112127245 A 20181023