

Title (en)
SHEET-LIKE, CHEMICALLY TOUGHENED, OR CHEMICALLY TOUGHENABLE GLASS ARTICLE, AND METHOD FOR PRODUCING SAME

Title (de)
SCHEIBENFÖRMIGER, CHEMISCH VORGESPANNTER ODER CHEMISCH VORSPANNBARER GLASARTIKEL UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)
ARTICLE EN VERRE STRATIFORME, TREMPÉ CHIMIQUEMENT OU POUVANT ÊTRE TREMPÉ CHIMIQUEMENT ET SON PROCÉDÉ DE PRODUCTION

Publication
EP 4010292 A1 20220615 (DE)

Application
EP 20753709 A 20200805

Priority

- DE 102019121147 A 20190805
- DE 102019121146 A 20190805
- DE 102019121144 A 20190805
- DE 102019121143 A 20190805
- EP 2020071965 W 20200805

Abstract (en)
[origin: WO2021023757A1] The invention relates to a chemically toughened, or chemically toughenable, sheet-like glass article containing glass with a composition that comprises Al₂O₃, SiO₂, Li₂O and B₂O₃, the glass and/or the glass article comprising a maximum 7 wt. % B₂O₃, preferably a maximum 5 wt. % B₂O₃, especially preferably a maximum 4.5 wt. % B₂O₃.

IPC 8 full level
C03C 21/00 (2006.01)

CPC (source: EP KR US)
C03C 3/091 (2013.01 - EP KR US); **C03C 3/097** (2013.01 - KR US); **C03C 21/002** (2013.01 - EP KR US)

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 2021023757 A1 20210211; CN 114269702 A 20220401; EP 4010292 A1 20220615; EP 4159697 A1 20230405;
KR 20220047297 A 20220415; US 2022153629 A1 20220519

DOCDB simple family (application)
EP 2020071965 W 20200805; CN 202080056076 A 20200805; EP 20753709 A 20200805; EP 22207760 A 20200805;
KR 20227007500 A 20200805; US 202217592541 A 20220204