

Title (en)
THERMALLY STRENGTHENED ARCHITECTURAL GLASS AND RELATED SYSTEMS AND METHODS

Title (de)
THERMISCH VERFESTIGTES ARCHITEKTURGLAS UND ZUGEHÖRIGE SYSTEME UND VERFAHREN

Title (fr)
VERRE POUR BÂTIMENT, THERMIQUEMENT RENFORCÉ ET SYSTÈMES ET PROCÉDÉS ASSOCIÉS

Publication
EP 3328807 A1 20180606 (EN)

Application
EP 16751079 A 20160728

Priority

- US 201514814274 A 20150730
- US 201514814232 A 20150730
- US 201514814293 A 20150730
- US 201514814363 A 20150730
- US 201514814303 A 20150730
- US 201514814319 A 20150730
- US 201514814335 A 20150730
- US 201562236296 P 20151002
- US 201662288851 P 20160129
- US 201662288669 P 20160129
- US 2016044401 W 20160728

Abstract (en)
[origin: WO2017019837A1] A strengthened architectural glass or glass-ceramic sheet or article as well as processes and systems for making the strengthened architectural glass or glass-ceramic sheet or article is provided. The process comprises cooling the architectural glass sheet by non-contact thermal conduction for sufficiently long to fix a surface compression and central tension of the sheet. The process results in thermally strengthened architectural glass sheets that may be incorporated into one or more panes in single or multi-pane windows.

IPC 8 full level
C03C 23/00 (2006.01); **C03B 27/04** (2006.01); **C03B 27/048** (2006.01); **C03B 29/12** (2006.01); **E06B 3/54** (2006.01); **E06B 3/66** (2006.01); **E06B 3/67** (2006.01)

CPC (source: EP KR)
B32B 17/06 (2013.01 - EP); **B32B 17/10055** (2013.01 - EP); **B32B 17/10137** (2013.01 - EP KR); **B32B 17/10302** (2013.01 - KR); **B32B 17/10743** (2013.01 - EP); **B32B 17/10761** (2013.01 - EP); **B32B 17/10777** (2013.01 - EP); **B32B 17/10788** (2013.01 - EP); **C03B 27/016** (2013.01 - EP); **C03B 27/0413** (2013.01 - EP KR); **C03B 27/048** (2013.01 - KR); **C03B 29/12** (2013.01 - KR); **C03B 35/147** (2013.01 - EP); **C03C 23/007** (2013.01 - EP KR); **E04C 2/54** (2013.01 - KR); **E06B 3/5409** (2013.01 - EP); **E06B 3/5436** (2013.01 - EP); **E06B 3/6612** (2013.01 - EP KR); **E06B 3/66304** (2013.01 - EP); **E06B 3/66309** (2013.01 - KR); **E06B 3/6715** (2013.01 - EP KR); **B32B 17/10055** (2013.01 - KR); **Y02P 40/57** (2015.11 - EP)

Citation (search report)
See references of WO 2017019837A1

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 2017019837 A1 20170202; BR 112018002058 A2 20180918; CA 2994236 A1 20170202; CN 108883977 A 20181123; EP 3328807 A1 20180606; JP 2018528918 A 20181004; KR 20180035862 A 20180406

DOCDB simple family (application)
US 2016044401 W 20160728; BR 112018002058 A 20160728; CA 2994236 A 20160728; CN 201680055008 A 20160728; EP 16751079 A 20160728; JP 2018504919 A 20160728; KR 20187005875 A 20160728