

Title (en)  
ION EXCHANGED GLASS AND RESULTING ARTICLES

Title (de)  
IONENAUSTAUSCHGLAS UND ARTIKEL DARAUS

Title (fr)  
VERRE AYANT SUBI UN ÉCHANGE D'IONS ET ARTICLES RÉSULTANTS

Publication  
**EP 3013580 A1 20160504 (EN)**

Application  
**EP 14740069 A 20140623**

Priority

- US 201313926461 A 20130625
- US 2014043619 W 20140623

Abstract (en)  
[origin: WO2014209861A1] A laminate structure having a first glass layer, a second glass layer, and at least one polymer interlayer intermediate the first and second glass layers. The first glass layer is comprised of a thin, chemically strengthened glass having a surface compressive stress of between about 250 MPa and about 350 MPa and a depth of layer (DOL) of compressive stress greater than about 60 µm. The second glass layer can also be comprised of a thin, chemically strengthened glass having a surface compressive stress of between about 250 MPa and about 350 MPa and a depth of layer (DOL) of compressive stress greater than about 60 µm.

IPC 8 full level  
**B32B 17/10** (2006.01)

CPC (source: EP)  
**B32B 17/10036** (2013.01); **B32B 17/10119** (2013.01); **B32B 17/10137** (2013.01); **B32B 17/10743** (2013.01); **B32B 17/10761** (2013.01); **B32B 17/1077** (2013.01); **B32B 17/10788** (2013.01)

Citation (search report)  
See references of WO 2014209861A1

Citation (examination)

- US 2013045375 A1 20130221 - GROSS TIMOTHY MICHAEL [US]
- US 2010035038 A1 20100211 - BAREFOOT KRISTEN L [US], 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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014209861 A1 20141231**; CN 105492205 A 20160413; CN 105492205 B 20181127; CN 109572110 A 20190405; EP 3013580 A1 20160504; JP 2016528139 A 20160915; JP 2019194152 A 20191107; JP 6538662 B2 20190703; KR 20160024947 A 20160307

DOCDB simple family (application)  
**US 2014043619 W 20140623**; CN 201480046872 A 20140623; CN 201811398375 A 20140623; EP 14740069 A 20140623; JP 2016521881 A 20140623; JP 2019105941 A 20190606; KR 20167001806 A 20140623