

Title (en)

COMPOSITE ARTICLE HAVING EXCELLENT FIRE RESISTANCE

Title (de)

VERBUNDARTIKEL MIT HERVORRAGENDER FEUERBESTÄNDIGKEIT

Title (fr)

ARTICLE COMPOSITE PRÉSENTANT UNE EXCELLENTE RÉSISTANCE AU FEU

Publication

EP 2114670 A1 20091111 (EN)

Application

EP 08725882 A 20080221

Priority

- US 2008002292 W 20080221
- US 89116507 P 20070222
- US 95524507 P 20070810

Abstract (en)

[origin: WO2008103411A1] A composite article includes a first pane comprising a first window layer formed from a vitreous material and a reinforced silicone layer disposed adjacent to and in contact with the first window layer. The reinforced silicone layer includes a cured silicone composition and a fiber reinforcement. The composite article includes a second pane spaced from the first pane to define a gap therebetween and a frame disposed adjacent to and in contact with the first pane and the second pane to enclose the gap. The composite article may be suitable for load-bearing applications requiring thermal and acoustic insulation.

IPC 8 full level

B32B 17/10 (2006.01); **C03C 27/12** (2006.01); **C08J 7/043** (2020.01); **C08J 7/046** (2020.01); **C08J 7/05** (2020.01)

CPC (source: EP KR US)

B32B 17/10018 (2013.01 - EP KR US); **B32B 17/10036** (2013.01 - EP US); **B32B 17/10045** (2013.01 - EP US);
B32B 17/10055 (2013.01 - EP KR US); **B32B 17/10174** (2013.01 - EP KR US); **B32B 17/10302** (2013.01 - EP KR US);
B32B 17/10366 (2013.01 - EP KR US); **B32B 17/1055** (2013.01 - EP US); **B32B 17/10798** (2013.01 - EP KR US);
B32B 17/10853 (2013.01 - EP KR US); **B32B 17/10935** (2013.01 - EP KR US); **B32B 25/20** (2013.01 - EP KR US); **C03C 27/10** (2013.01 - KR);
C08J 7/0427 (2020.01 - EP KR US); **C08J 7/043** (2020.01 - EP KR US); **C08J 7/046** (2020.01 - EP KR US); **C08J 7/05** (2020.01 - EP KR US);
C08J 2483/00 (2013.01 - EP KR US)

Citation (search report)

See references of WO 2008103411A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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