

Title (en)

COMPOSITE PANE, COMPOSED OF A POLYMERIC PANE AND A GLASS PANE

Title (de)

VERBUNDSCHIEBE AUS EINER POLYMEREN SCHIEBE UND EINER GLASSCHIEBE

Title (fr)

FEUILLE COMPOSITE CONSTITUÉE D'UNE FEUILLE DE POLYMÈRE ET D'UNE FEUILLE DE VERRE

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Application

EP 15722496 A 20150505

Priority

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Abstract (en)

[origin: WO2015188982A1] The invention relates to a composite pane for vehicles, at least comprising: a polymeric pane (1), which has a thickness of between 1.5 to 10 mm, and a glass pane (2), which has a thickness of between 0.3 mm - 1 mm and which is connected to the polymeric pane (1) in a planar manner, wherein the polymeric pane (1) contains at least polycarbonate (PC) and/or polymethyl methacrylate (PMMA) and wherein the glass pane (2) is a non-toughened pane.

IPC 8 full level

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Citation (search report)

See references of WO 2015188982A1

Citation (examination)

- WO 2012157617 A1 20121122 - ASAHI GLASS CO LTD [JP], et al
- US 4879183 A 19891107 - MANNHEIM JOSE R [PE]
- US 2006210782 A1 20060921 - LU JUN [US]
- US 6287674 B1 20010911 - VERLINDEN BART [BE], et al
- US 6197418 B1 20010306 - CLOOTS TOM [BE], et al
- WO 2014007313 A1 20140109 - NIPPON ELECTRIC GLASS CO [JP]
- JP H0699547 A 19940412 - ASAHI CHEMICAL IND

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