

Title (en)
COMPOSITE PANE COMPRISING A DISPLAY DEVICE

Title (de)
VERBUNDSCHEIBE MIT EINER ANZEIGEVORRICHTUNG

Title (fr)
PARE-BRISE COMPOSITE COMPRENANT UN DISPOSITIF D’AFFICHAGE

Publication
EP 3493985 A1 20190612 (DE)

Application
EP 17731175 A 20170623

Priority

- EP 16183053 A 20160805
- EP 2017065478 W 20170623

Abstract (en)
[origin: WO2018024403A1] The invention relates to a composite pane (3) for a motor vehicle, comprising an outer pane (15) and an inner pane (14) which are connected to one another via a thermoplastic intermediate layer (16), and comprising a display device (7) for displaying optical status information with at least one light source (8, 12), which emits light in order to generate optical status information, wherein the composite pane (3) is connected to a receiver unit (4) for wirelessly receiving status information of a control system, and wherein the light source (8, 12) is provided for reproducing the status information of the control system, and is arranged in the composite pane (3) in the intermediate layer (16) between the outer pane (15) and the inner pane (14).

IPC 8 full level
B32B 17/10 (2006.01); **B60Q 1/26** (2006.01); **G02B 27/01** (2006.01)

CPC (source: EP KR RU US)
B32B 1/00 (2013.01 - EP); **B32B 17/10036** (2013.01 - EP KR RU US); **B32B 17/10211** (2013.01 - EP KR US);
B32B 17/10541 (2013.01 - EP KR US); **B60K 35/00** (2013.01 - EP US); **B60K 35/22** (2024.01 - EP); **B60K 35/23** (2024.01 - EP);
B60K 35/60 (2024.01 - EP); **B60Q 1/26** (2013.01 - US); **B60Q 1/268** (2013.01 - KR US); **B60Q 1/28** (2013.01 - US);
B60Q 3/208 (2017.01 - EP US); **G02B 27/01** (2013.01 - EP KR US); **B32B 2605/006** (2013.01 - KR); **B60K 35/22** (2024.01 - US);
B60K 35/23 (2024.01 - US); **B60K 35/60** (2024.01 - US); **B60K 2360/1523** (2024.01 - EP US); **B60K 2360/332** (2024.01 - EP US);
B60K 2360/785 (2024.01 - EP US); **B60Q 9/00** (2013.01 - EP US); **G02B 2027/0123** (2013.01 - EP KR US);
G02B 2027/0138 (2013.01 - EP KR US); **G02B 2027/014** (2013.01 - EP KR US)

Citation (search report)
See references of WO 2018024403A1

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 2018024403 A1 20180208; BR 112019001678 A2 20190514; CA 3032785 A1 20180208; CN 108349219 A 20180731;
CN 108349219 B 20211130; EP 3493985 A1 20190612; JP 2019530604 A 20191024; JP 2021120270 A 20210819; JP 7202412 B2 20230111;
KR 102265661 B1 20210616; KR 20190038870 A 20190409; MA 45841 A 20190612; MX 2019001423 A 20190610; RU 2708101 C1 20191204;
US 11220090 B2 20220111; US 2019176438 A1 20190613

DOCDB simple family (application)
EP 2017065478 W 20170623; BR 112019001678 A 20170623; CA 3032785 A 20170623; CN 201780001036 A 20170623;
EP 17731175 A 20170623; JP 2019506110 A 20170623; JP 2021069313 A 20210415; KR 20197006326 A 20170623; MA 45841 A 20170623;
MX 2019001423 A 20170623; RU 2019105703 A 20170623; US 201716323170 A 20170623