

Title (en)
LAMINATED VEHICLE PANE WITH OPAQUE POLYMERIC FILM

Title (de)
FAHRZEUG-VERBUNDSCHEIBE MIT OPAKER POLYMERER FOLIE

Title (fr)
VITRE COMPOSITE DE VÉHICULE À FILM POLYMÈRE OPAQUE

Publication
EP 3826837 A1 20210602 (DE)

Application
EP 19735349 A 20190708

Priority
• EP 18184879 A 20180723
• EP 2019068215 W 20190708

Abstract (en)
[origin: WO2020020613A1] The invention relates to a laminated vehicle pane (1) comprising: at least one outer pane (2) and an inner pane (3), which are connected to each other by at least one thermoplastic intermediate layer (4); and an opaque polymeric film (5), which is arranged between the outer pane (2) and the inner pane (3), the opaque polymeric film (5) having at least one cut-out portion (6).

IPC 8 full level
B32B 17/10 (2006.01)

CPC (source: EP KR US)
B32B 17/10036 (2013.01 - EP KR US); **B32B 17/10293** (2013.01 - EP KR US); **B32B 17/10339** (2013.01 - KR);
B32B 17/10357 (2013.01 - EP KR US); **B32B 17/10761** (2013.01 - EP KR US); **B32B 17/1077** (2013.01 - EP KR US);
B32B 17/10779 (2013.01 - KR US); **B32B 17/10788** (2013.01 - EP KR US); **B32B 17/10807** (2013.01 - US); **B32B 2250/40** (2013.01 - US);
B32B 2270/00 (2013.01 - US); **B32B 2307/402** (2013.01 - US); **B32B 2307/41** (2013.01 - US); **B32B 2605/006** (2013.01 - US)

C-Set (source: EP US)
B32B 17/10005 + **B32B 2367/00**

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 2020020613 A1 20200130; CN 110944836 A 20200331; EP 3826837 A1 20210602; JP 2021531227 A 20211118;
KR 102558186 B1 20230721; KR 20210022075 A 20210302; MA 53363 A 20210602; US 11673372 B2 20230613; US 2021237403 A1 20210805

DOCDB simple family (application)
EP 2019068215 W 20190708; CN 201980002065 A 20190708; EP 19735349 A 20190708; JP 2021500447 A 20190708;
KR 20217001674 A 20190708; MA 53363 A 20190708; US 201917049860 A 20190708