

Title (en)
COMPOSITE PANE

Title (de)
VERBUNDSCHEIBE

Title (fr)
VERRE STRATIFIÉ

Publication
EP 3727844 A1 20201028 (DE)

Application
EP 18808293 A 20181122

Priority
• EP 17208815 A 20171220
• EP 2018082174 W 20181122

Abstract (en)
[origin: WO2019120849A1] The present invention relates to a composite pane (100) comprising - an outer pane (1) and an inner pane (2), which are connected to each other by at least one intermediate layer (3), - a functional element (4), which is arranged between the outer pane (1) and the inner pane (2), wherein a metallic protective layer (5) is arranged between the outer pane (1) and the functional element (4).

IPC 8 full level
B32B 17/10 (2006.01); **B32B 17/06** (2006.01); **C03C 27/12** (2006.01); **H05K 9/00** (2006.01)

CPC (source: EP KR US)
B32B 15/08 (2013.01 - KR); **B32B 17/061** (2013.01 - KR); **B32B 17/10036** (2013.01 - EP KR US); **B32B 17/1022** (2013.01 - EP KR US); **B32B 17/10403** (2013.01 - KR); **B32B 17/10761** (2013.01 - EP KR US); **B32B 17/10788** (2013.01 - EP KR US); **B32B 17/10807** (2013.01 - EP KR US); **B32B 2367/00** (2013.01 - KR)

Citation (search report)
See references of WO 2019120849A1

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 2019120849 A1 20190627; CN 110177686 A 20190827; CN 110177686 B 20221125; EP 3727844 A1 20201028; JP 2021506714 A 20210222; JP 7032539 B2 20220308; JP 7032539 B6 20220322; KR 102406247 B1 20220608; KR 20200091462 A 20200730; MA 51271 A 20210331

DOCDB simple family (application)
EP 2018082174 W 20181122; CN 201880003334 A 20181122; EP 18808293 A 20181122; JP 2020533709 A 20181122; KR 20207020279 A 20181122; MA 51271 A 20181122