

Title (en)

PROJECTION ARRANGEMENT COMPRISING A COMPOSITE PANE

Title (de)

PROJEKTIONSANORDNUNG MIT EINER VERBUNDSCHEIBE

Title (fr)

AGENCEMENT DE PROJECTION COMPRENANT UNE VITRE COMPOSITE

Publication

EP 4323186 A1 20240221 (DE)

Application

EP 22719825 A 20220330

Priority

- EP 21167795 A 20210412
- EP 2022058350 W 20220330

Abstract (en)

[origin: WO2022218699A1] The invention relates to a projection arrangement (100) comprising a composite pane (1) and an image display device (8), the composite pane (1) comprising:- an outer pane (2) and an inner pane (3), - a thermoplastic intermediate layer (4) arranged between the outer pane (2) and the inner pane (3), and - a reflection layer (9), the outer pane (2) and the inner pane (3) each having an outer side (I, III) and an inner side (II, IV) and the inner side (II) of the outer pane (2) and the outer side (III) of the inner pane (3) facing one another, the image display device (8) being directed at the reflection layer (9) and irradiating the latter with a light (11) and the reflection layer (9) reflecting the light (11), the image display device (8) having a 3D image display based on light field technology.

IPC 8 full level

B32B 7/023 (2019.01); **B32B 17/10** (2006.01); **B60J 1/02** (2006.01); **B60K 35/00** (2024.01); **G02B 27/01** (2006.01); **G06F 3/01** (2006.01);
G06F 3/16 (2006.01)

CPC (source: EP)

B32B 7/023 (2019.01); **B32B 17/10036** (2013.01); **B32B 17/10201** (2013.01); **B32B 17/10229** (2013.01); **B32B 17/10348** (2013.01);
B32B 17/10449 (2013.01); **B32B 17/10458** (2013.01); **B32B 17/1066** (2013.01); **B32B 17/10761** (2013.01); **B32B 17/1077** (2013.01);
B32B 17/10788 (2013.01); **B32B 17/10844** (2013.01); **B60K 35/00** (2013.01); **B60K 35/23** (2024.01); **B60K 35/60** (2024.01);
G02B 27/0101 (2013.01); **G02B 27/0103** (2013.01); **B32B 2307/412** (2013.01); **B32B 2307/416** (2013.01); **B32B 2307/418** (2013.01);
B32B 2307/42 (2013.01); **B32B 2457/20** (2013.01); **B32B 2605/00** (2013.01); **B32B 2605/08** (2013.01); **B32B 2605/18** (2013.01);
B60K 2360/25 (2024.01); **B60K 2360/31** (2024.01); **B60K 2360/336** (2024.01); **B60K 2360/785** (2024.01); **G02B 2027/0194** (2013.01)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022218699 A1 20221020; CN 115474432 A 20221213; EP 4323186 A1 20240221

DOCDB simple family (application)

EP 2022058350 W 20220330; CN 202280001696 A 20220330; EP 22719825 A 20220330