

Title (en)

COMPOSITE PANE FOR A PROJECTION ASSEMBLY

Title (de)

VERBUNDSCHEIBE FÜR EINE PROJEKTIONSANORDNUNG

Title (fr)

VITRE COMPOSITE POUR ENSEMBLE PROJECTION

Publication

EP 4330038 A1 20240306 (DE)

Application

EP 22723610 A 20220420

Priority

- EP 21171393 A 20210430
- EP 2022060317 W 20220420

Abstract (en)

[origin: WO2022228946A1] The invention relates to a composite pane (1), in particular for a projection assembly (100), at least comprising: - an outer pane (2), an inner pane (3), and a thermoplastic intermediate layer (4) which is arranged between the outer and inner pane (2, 3), wherein the outer and inner pane (2, 3) each have an outer face (I, III) and an inner face (II, IV), and the inner face (II) of the outer pane (2) and the outer face (III) of the inner pane (3) face each other; - an electrochromic functional element (5) which is arranged between the outer pane (2) and the inner pane (3), and - a partly translucent reflective layer (10) which is suitable for reflecting light. The reflective layer (10) is arranged spatially in front of the electrochromic functional element (5) in a viewing direction from the inner pane (3) to the outer pane (2) and overlaps with the electrochromic functional element (5) in at least one region, and the electrochromic functional element (5) is arranged in an edge region (12') of the outer pane (2) and the inner pane (3).

IPC 8 full level

B32B 17/10 (2006.01); **B60J 1/02** (2006.01); **G02B 27/01** (2006.01); **G02F 1/15** (2019.01)

CPC (source: EP)

B32B 1/00 (2013.01); **B32B 3/08** (2013.01); **B32B 3/30** (2013.01); **B32B 5/142** (2013.01); **B32B 7/023** (2019.01); **B32B 7/12** (2013.01); **B32B 17/10036** (2013.01); **B32B 17/10201** (2013.01); **B32B 17/10211** (2013.01); **B32B 17/1022** (2013.01); **B32B 17/10229** (2013.01); **B32B 17/10348** (2013.01); **B32B 17/10513** (2013.01); **B32B 17/10605** (2013.01); **B32B 17/10761** (2013.01); **B32B 17/10935** (2013.01); **B32B 27/08** (2013.01); **B32B 27/20** (2013.01); **B32B 27/22** (2013.01); **B32B 27/30** (2013.01); **B32B 27/36** (2013.01); **G02B 27/0101** (2013.01); **G02F 1/15** (2013.01); **B32B 2255/10** (2013.01); **B32B 2255/20** (2013.01); **B32B 2255/205** (2013.01); **B32B 2255/28** (2013.01); **B32B 2307/202** (2013.01); **B32B 2307/4023** (2013.01); **B32B 2307/4026** (2013.01); **B32B 2307/41** (2013.01); **B32B 2307/412** (2013.01); **B32B 2307/414** (2013.01); **B32B 2307/416** (2013.01); **B32B 2307/538** (2013.01); **B32B 2457/20** (2013.01); **B32B 2605/08** (2013.01); **G02B 2027/0118** (2013.01); **G02B 2027/0194** (2013.01)

C-Set (source: EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

WO 2022228946 A1 20221103; CN 115568284 A 20230103; EP 4330038 A1 20240306

DOCDB simple family (application)

EP 2022060317 W 20220420; CN 202280001927 A 20220420; EP 22723610 A 20220420