

Title (en)
BUTT JOINT GLAZING

Title (de)
STOSSFUGENVERGLASUNG

Title (fr)
VITRAGE DOTÉ DE LA JOINTURE

Publication
EP 3440297 A1 20190213 (DE)

Application
EP 17714253 A 20170404

Priority
• EP 16163735 A 20160404
• EP 2017057984 W 20170404

Abstract (en)
[origin: WO2017174578A1] The invention relates to a transparent safety panel 1 for producing a resistant flush butt joint glazing 2 having at least two panes 44 and a profiled receiving section 11. The two panes 44 are arranged at a distance (D) to each other and substantially parallel to each other. The safety panel 1 has a joint end face 15 and a mounting end face 16 which extends perpendicularly from the joint end face 15 of the safety panel 1. The mounting end face 16 can be mounted in the frame and allows the safety panel 1 to be fixed in the frame. The profiled receiving section 11 is arranged between the mutually spaced panes 44 and in the process in an edge region in the vicinity of the joint end face 15. The profiled receiving section 11 forms an open groove up to the joint end face 15. The joint end face 15 of the safety panel together with the groove can also be called the connection face or the butt joint face. An additional safety panel can be connected to the safety panel 1 without additional frames in a flush manner via the connection face. The connection can be produced via an insert element 10 which is arranged in the grooves of adjacent flush safety panels 1, thus forming a resistant butt joint glazing 2.

IPC 8 full level
E06B 3/54 (2006.01); **B32B 17/06** (2006.01); **E04B 1/76** (2006.01); **E04B 2/88** (2006.01); **G08B 13/04** (2006.01)

CPC (source: EP US)
B32B 7/08 (2013.01 - US); **B32B 17/069** (2013.01 - EP US); **B32B 17/10055** (2013.01 - EP US); **B32B 17/10311** (2013.01 - EP US); **E06B 3/5427** (2013.01 - EP); **E06B 5/165** (2013.01 - US); **E06B 7/28** (2013.01 - US); **E06B 5/165** (2013.01 - EP)

Citation (search report)
See references of WO 2017174578A1

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 2017174578 A1 20171012; CA 3019493 A1 20171012; EP 3440297 A1 20190213; US 2020024895 A1 20200123

DOCDB simple family (application)
EP 2017057984 W 20170404; CA 3019493 A 20170404; EP 17714253 A 20170404; US 201716090706 A 20170404