

Title (en)  
HEAT-INSULATING DOOR OR WINDOW

Title (de)  
TÜR ODER FENSTER MIT WÄRMEDÄMMUNG

Title (fr)  
PORTE OU FENÊTRE ISOLANT CONTRE LA CHALEUR

Publication  
**EP 3721039 A1 20201014 (EN)**

Application  
**EP 17828796 A 20171206**

Priority  
PL 2017000121 W 20171206

Abstract (en)  
[origin: WO2019112451A1] The present invention relates to a heat-insulating hinged panel, such as door or window, comprising a frame (1) made of interconnected longitudinal frame members and a sash (3) made of interconnected longitudinal sash members, which is hingedly disposed within the frame (1) and embeds a glass pane assembly (10), wherein at least one glass pane (12) having the external surface coplanar with the external surface of the external pane (26) of the pane assembly (10) is fixed to the frame (1). In order to simplify construction, reduce thermal bridging and provide a modern aesthetic appearance of the panel, said glass pane assembly (10) is secured to the sash (3) by means of longitudinal profiled members (18) fixed to the sash (3) and having projections introduced into the glass pane assembly (10) at the perimeter thereof, so that the external surface of the external glass pane (26) of the glass pane assembly (10) is the most external surface of the sash (3), and said at least one glass pane (12) fixed to the frame (1) at least partially covers the sash (3).

IPC 8 full level  
**E06B 3/02** (2006.01); **E06B 3/30** (2006.01); **E06B 3/54** (2006.01); **E06B 3/58** (2006.01); **E06B 7/23** (2006.01)

CPC (source: EP)  
**E06B 3/025** (2013.01); **E06B 3/301** (2013.01); **E06B 3/5427** (2013.01); **E06B 3/5821** (2013.01); **E06B 7/2309** (2013.01); **E06B 7/231** (2013.01)

Citation (search report)  
See references of WO 2019112451A1

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 2019112451 A1 20190613**; EP 3721039 A1 20201014; EP 3721039 B1 20220223; PL 3721039 T3 20220829

DOCDB simple family (application)  
**PL 2017000121 W 20171206**; EP 17828796 A 20171206; PL 17828796 T 20171206