

Title (en)  
THERMAL BREAK ALUMINIUM WINDOW OR DOOR, A THERMALLY INSULATING PROFILE THEREFOR AND A MACHINE FOR COUPLING PROFILES

Title (de)  
ALUMINIUMFENSTER ODER -TÜR MIT THERMISCHER TRENNUNG, EIN ISOLIERPROFIL DAFÜR UND PROFILKOPPLUNGSMASCHINE

Title (fr)  
FENÊTRE OU PORTE EN ALUMINIUM À RUPTURE THERMIQUE, BARRETTE D'ISOLATION POUR UNE TELLE FENÊTRE OU PORTE ET UNE MACHINE D'ASSEMBLAGE DES PROFILÉS

Publication  
**EP 3101213 A1 20161207 (EN)**

Application  
**EP 16172131 A 20160531**

Priority  
IT UB20151317 A 20150605

Abstract (en)  
A thermal break aluminium window or door comprising a frame and a casement having a first interior profile and a second exterior profile connected to each other by means of a third profile made of thermally insulating material; said third profile has, in cross section, a first side having two contiguous teeth engaged in respective contiguous seats present on said first profile and a second side having a single tooth engaged in a respective single seat of said second profile, said single tooth being positioned in such a way as to leave an ample free portion of said second side for the engagement thereof with a weather stripping for said casement, there being further provided a compensation means on said third profile to compensate for the different thermal expansion of said first and second profiles relative to the thermal expansion of said third profile.

IPC 8 full level  
**E06B 3/263** (2006.01); **E06B 3/273** (2006.01)

CPC (source: EP)  
**E06B 3/26303** (2013.01); **E06B 3/273** (2013.01); **E06B 2003/26329** (2013.01); **E06B 2003/26352** (2013.01); **E06B 2003/26358** (2013.01); **E06B 2003/26389** (2013.01)

Citation (search report)  
• [XYI] DE 19530349 C1 19961024 - EKONAL BAUSYSTEME GMBH & CO KG [DE]  
• [Y] DE 102013100249 A1 20140717 - SCHUECO INT KG [DE]

Cited by  
CN108224061A; GR20210100277A; GR1010630B; GR20210100278A; GR1010631B

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)  
**EP 3101213 A1 20161207**; **EP 3101213 B1 20180919**; ES 2702481 T3 20190301; MA 39618 A 20161207; RS 58153 B1 20190228; TR 201819724 T4 20190121

DOCDB simple family (application)  
**EP 16172131 A 20160531**; ES 16172131 T 20160531; MA 39618 A 20160531; RS P20181553 A 20160531; TR 201819724 T 20160531