

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

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Application
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Priority
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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.

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CPC (source: EP)
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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)
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