

Title (en)

WINDOW OR DOOR PROFILE AND METHOD FOR COMPOSING SUCH PROFILE AND DEVICE APPLIED THEREBY

Title (de)

FENSTER- ODER TÜRPROFIL UND VERFAHREN ZUM ZUSAMMENSETZEN EINES SOLCHEN PROFILS UND VORRICHTUNG ZUM ZUSAMMENSETZEN EINES SOLCHEN PROFILS

Title (fr)

PROFIL DE FENÊTRE OU DE PORTE ET MÉTHODE POUR COMPOSER UN TEL PROFIL ET DISPOSITIF POUR COMPOSER UN TEL PROFIL DE FENÊTRE OU DE PORTE

Publication

EP 4047168 A1 20220824 (EN)

Application

EP 22157738 A 20220221

Priority

BE 202105120 A 20210222

Abstract (en)

Window or door profile that is composed of two half-shells (6) in the form of profiles made from a metal such as aluminium or steel which are connected by an insulator (7) in the form of a profile made from a hard thermally insulating material, whereby the half-shells (6) are provided with an undercut groove (8) delimited by at least one deformable lip and whereby the undercut grooves (8) of the half-shells (6) are located opposite each other and with their openings facing each other, whereby the longitudinal edges (12) of the insulator (7) are only clampedly held in line with the undercut grooves (8) of the half-shells (6), characterised in that the insulator (7) substantially has the shape of a slat cut from a flat sheet, the longitudinal edges (12) of which are elastically clamped in the grooves (8) of the half-shells (6) by elastic deformation of the at least one deformable lip without plastic deformation of the material of the half-shells (6) around the grooves (8).

IPC 8 full level

E06B 3/263 (2006.01); **B23P 19/04** (2006.01); **E06B 5/16** (2006.01)

CPC (source: EP)

E06B 3/26305 (2013.01); **E06B 5/161** (2013.01); **E06B 3/305** (2013.01); **E06B 2003/26312** (2013.01); **E06B 2003/2635** (2013.01); **E06B 2003/26361** (2013.01); **E06B 2003/26369** (2013.01); **E06B 2003/26374** (2013.01); **E06B 2003/26394** (2013.01)

Citation (search report)

- [XAYI] US 3916503 A 19751104 - CHENEVERT EDWARD L, et al
- [YA] CN 108952463 A 20181207 - HEBEI HONGGE BUILDING MATERIALS TECH CO LTD
- [A] DE 3202352 A1 19830811 - HARTMANN & CO W [DE]
- [A] DE 2821096 A1 19791115 - SCHERER PLASTIC WERK

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 4047168 A1 20220824; **EP 4047168 B1 20240424**; **EP 4047168 C0 20240424**; BE 1029129 A1 20220913; BE 1029129 B1 20220919

DOCDB simple family (application)

EP 22157738 A 20220221; BE 202105120 A 20210222