

Title (en)

REINFORCED PROFILE FOR SASH FRAMES AND SET OF PROFILES FOR WINDOW FRAMES AND SASH FRAMES

Title (de)

VERSTÄRKTES PROFIL FÜR SCHIEBERAHMEN UND SATZ AUS PROFILFÜR FENSTERRAHMEN UND SCHIEBERAHMEN

Title (fr)

PROFIL RENFORCÉ POUR CADRES DE CHÂSSIS ET ENSEMBLE DE PROFILS POUR CADRES DE CHÂSSIS ET DE FENÊTRE

Publication

**EP 2975206 A1 20160120 (EN)**

Application

**EP 15176370 A 20150711**

Priority

PL 40884514 A 20140715

Abstract (en)

In a reinforced profile (20) for sash frames, surrounding the filling of the sash frame and comprising an external wall (21) with an oblique wall (121), a pane-surrounding wall (22), a middle wall (23) with a recess (27) for fitting and passing into a seal-mounted wall (123), and an under-pane wall (122), an internal wall (24) with an under-strip surface (124), and a lower wall (25) that surround an interior of the profile (20) with a main chamber (29) and with additional chambers (26, 136) in which a reinforcing section (70) or profile is located, the main chamber (29) in the vicinity of a lower region of the internal wall (24) has an additional space (129) located below a level of a front surface (127) of the middle wall (23), and surrounded by the seal-mounted wall (123) and a vertical wall (128) and a horizontal wall (28) of lower internal additional chambers (26), and the reinforcing section (70) or profile has an extension (75) of its internal arm, which is located in the additional space (129). The extension (75) of the internal arm of the reinforcing section (70) placed in the additional space (129) below the level of front surface (127) of the middle wall (23) is smaller than 12% of the whole height of the profile.

IPC 8 full level

**E06B 3/22** (2006.01)

CPC (source: EP)

**E06B 3/222** (2013.01)

Citation (applicant)

- PL 309623 A1 19960205 - VEKA AG [DE]
- EP 0814228 A2 19971229 - HUETTENBRAUCK GMBH U CO PROFIL [DE]

Citation (search report)

- [X] DE 2300954 A1 19740711 - PUSL JOHANN
- [XI] GB 2259934 A 19930331 - SCHOLLES ERNEST M H [GB]
- [XI] DE 9406202 U1 19940714 - PAX GMBH [DE]

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 2975206 A1 20160120; EP 2975206 B1 20181107; PL 232521 B1 20190628; PL 2975206 T3 20190329; PL 408845 A1 20160118**

DOCDB simple family (application)

**EP 15176370 A 20150711; PL 15176370 T 20150711; PL 40884514 A 20140715**