

Title (en)
EXTRUDED HOLLOW CHAMBER PROFILE FOR WINDOWS OR DOORS

Title (de)
EXTRUDIERTES FENSTER- ODER TÜR-HOHLKAMMERPROFIL

Title (fr)
PROFILÉ EXTRUDÉ À CAVITÉ POUR PORTE OU FENÊTRE

Publication
EP 2079895 A2 20090722 (DE)

Application
EP 07846495 A 20071018

Priority
• EP 2007009031 W 20071018
• DE 202006016165 U 20061021

Abstract (en)
[origin: WO2008046610A2] An extruded hollow chamber profile (1) for windows or doors has at least one fastening zone (2) for fastening the hollow chamber profile (1) on or to an external component (3). The fastening zone (2) has a fastening bolt (4) with profiled edges. A plastic fastening channel (8) having a channel longitudinal axis (9) for insertion of the fastening bolt (4) along the fastening channel (8) extends transversely to a direction of extrusion (7) of the hollow chamber profile (1). The fastening channel (8) is delimited by two chamber sidewalls (10, 11) at a right angle to the channel longitudinal axis (9), the distance (A) of said walls in relation to each other being smaller than the outer diameter ($D_{SUB>a</SUB>}$) of the fastening bolt (4). In the direction of the channel longitudinal axis (9), the fastening channel (8) is delimited by two chamber faces (12, 13) through which the fastening bolt (4) is guided. At least one fastening hollow chamber (14) is formed between the channel sidewalls (10, 11) and channel faces (12, 13). The hollow chamber profile according to the invention allows a high withdrawal force of the fastening bolt (4) even if the latter is not guided through a metal wall.

IPC 8 full level
E06B 1/28 (2006.01); **E06B 3/22** (2006.01)

CPC (source: EP)
E06B 1/28 (2013.01); **E06B 3/22** (2013.01)

Citation (search report)
See references of WO 2008046610A2

Cited by
EP3828372A1; DE202015105612U1; EP3889384A1; DE102020108412A1; EP4102022A1; EP4102019A1; DE102014104190A1;
DE202020107305U1; EP4015747A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 202006016165 U1 20080228; DK 2079895 T3 20151207; EP 2079895 A2 20090722; EP 2079895 B1 20150930; ES 2550646 T3 20151111;
PL 2079895 T3 20160229; RU 2009119178 A 20101127; RU 2443843 C2 20120227; WO 2008046610 A2 20080424;
WO 2008046610 A3 20080605

DOCDB simple family (application)
DE 202006016165 U 20061021; DK 07846495 T 20071018; EP 07846495 A 20071018; EP 2007009031 W 20071018; ES 07846495 T 20071018;
PL 07846495 T 20071018; RU 2009119178 A 20071018