

Title (en)
PROFILE FOR WINDOW OR DOOR FRAMES

Title (de)
PROFIL FÜR FENSTER- ODER TÜRRAHMEN

Title (fr)
PROFILÉ POUR CADRE DE FENÊTRE OU DE PORTE

Publication
EP 2238308 B1 20161221 (DE)

Application
EP 09708358 A 20090206

Priority
• EP 2009000828 W 20090206
• DE 102008008343 A 20080208

Abstract (en)
[origin: WO2009098069A1] The invention relates to a profile for window or door frames consisting of a multi-chamber, extruded hollow profile (1, 10) made of a thermoplastic material and a reinforcement system (2, 6, 7, 14, 15) consisting of at least one plastic strip that is connected at least locally to said hollow profile. The invention is characterised in that said reinforcement system (2, 6, 7, 14, 15) is profiled for forming a positive fit with the hollow profile (1, 10), that is active in a frame level, by shaping projections such as strips or similar, protruding in the transverse direction of the reinforcement system, and the positive-fit connection of the reinforcement system (2, 6, 7, 14, 15) and the hollow profile (1, 10) is obtained by profiling of the reinforcement system.

IPC 8 full level
E06B 3/263 (2006.01); **E06B 3/22** (2006.01)

CPC (source: EP US)
E06B 3/221 (2013.01 - EP US); **E06B 2003/228** (2013.01 - EP US); **E06B 2003/26327** (2013.01 - EP US)

Citation (examination)
DE 102004038868 A1 20060223 - HYDRO BUILDING SYSTEMS GMBH [DE]

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
DE 102008008343 A1 20090813; BR PI0907720 A2 20150714; CN 101939501 A 20110105; EP 2238308 A1 20101013; EP 2238308 B1 20161221; EP 2240662 A1 20101020; JP 2011511191 A 20110407; KR 20100126360 A 20101201; MX 2010008547 A 20101221; PL 2238308 T3 20170731; RU 2010132890 A 20120320; RU 2490414 C2 20130820; UA 100041 C2 20121112; US 2010319843 A1 20101223; US 8828171 B2 20140909; WO 2009098068 A1 20090813; WO 2009098069 A1 20090813

DOCDB simple family (application)
DE 102008008343 A 20080208; BR PI0907720 A 20090206; CN 200980104283 A 20090206; EP 09708358 A 20090206; EP 09708654 A 20090206; EP 2009000827 W 20090206; EP 2009000828 W 20090206; JP 2010545406 A 20090206; KR 20107020007 A 20090206; MX 2010008547 A 20090206; PL 09708358 T 20090206; RU 2010132890 A 20090206; UA A201010429 A 20090206; US 86653009 A 20090206