

Title (en)
COMPOSITE PROFILE, REINFORCING STRIP FOR A COMPOSITE PROFILE, AND A METHOD FOR PRODUCING A COMPOSITE PROFILE

Title (de)
VERBUNDPROFIL, VERSTÄRKUNGSBAND FÜR EIN VERBUNDPROFIL UND EIN VERFAHREN ZUR HERSTELLUNG EINES VERBUNDPROFILS

Title (fr)
PROFILÉ COMPOSITE, BANDE DE RENFORCEMENT POUR PROFILÉ COMPOSITE ET PROCÉDÉ PERMETTANT DE PRODUIRE UN PROFILÉ COMPOSITE

Publication
EP 3055476 B1 20200624 (DE)

Application
EP 14799352 A 20141006

Priority
• DE 102013220211 A 20131007
• EP 2014071339 W 20141006

Abstract (en)
[origin: WO2015052130A1] The invention relates to a composite profile made of plastics, designed as a hollow profile with at least two reinforcing strips arranged in the interior, characterized in that the at least two reinforcing strips (1A, 1B) are formed at least partially of thermoplastic plastic with embedded continuous glass and/or mineral fibers and/or other reinforcing fibers, and at least one of the reinforcing strips (1A, 1B) has at least one angled section (5A, 5B) parallel to the longitudinal axis of the composite profile (10), wherein the distance (A) between the at least two reinforcing strips (1A, 1B) and the respective adjacent outer walls (11) of the composite profile (10) in the region of the non-angled section corresponds to 0.1 to 3 times the wall thickness (D) of the outer wall (11). The invention also relates to a reinforcing strip for a composite profile and to a method for producing a composite profile.

IPC 8 full level
E06B 3/22 (2006.01)

CPC (source: EA EP)
E06B 3/221 (2013.01 - EA EP)

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

DOCDB simple family (publication)
DE 102013220211 A1 20150409; CN 105637163 A 20160601; EA 032396 B1 20190531; EA 201690694 A1 20160729;
EP 3055476 A1 20160817; EP 3055476 B1 20200624; ES 2814999 T3 20210329; PL 3055476 T3 20210111; WO 2015052130 A1 20150416

DOCDB simple family (application)
DE 102013220211 A 20131007; CN 201480055366 A 20141006; EA 201690694 A 20141006; EP 14799352 A 20141006;
EP 2014071339 W 20141006; ES 14799352 T 20141006; PL 14799352 T 20141006