

Title (en)

PANELCONSTRUCTION WITH THE CONNECTION OF A MAIN PROFILE WITH A CONNECTING ELEMENT

Title (de)

PANEELKONSTRUKTION MIT DER VERBINDUNG VON EINEM HAUPTPROFIL MIT EINEM ANSCHLUSSTEIL

Title (fr)

CONSTRUCTION DU PANNEAU AVEC LA CONNEXION D'UN PROFILÉ PRINCIPAL AVEC UN ÉLÉMENT DE RACCORDEMENT

Publication

**EP 3274517 C0 20240103 (DE)**

Application

**EP 15801981 A 20151105**

Priority

- AT 2015050284 W 20151105
- AT 502472015 A 20150327

Abstract (en)

[origin: WO2016154641A1] The invention relates to a panel structure consisting of a main profiled section (1) and an attachment part (2) which can be connected to the main profiled section (1). The main profiled section (1), which comprises two parallel profiled parts (4) that are connected to each other by transverse webs (3), and the attachment part (2) have profiled edges (5) which run along the vertical direction and engage into each other in a formfitting manner and which form a hook (6) on one side that is aligned with the respective main profiled section (1) and a hook receiving area (7) on the other side. In order to prevent a filler material introduced into the panel structure from exiting, a latching spring (8) is paired with the profiled edge (5) comprising the hook (6) on the hook receiving area (7) side opposite the hook (6), and the receiving area (7) is retained between the hook (6) and the latching spring (8) under pretension.

IPC 8 full level

**E04C 2/292** (2006.01); **E04B 1/61** (2006.01)

CPC (source: AT EP)

**E04B 1/12** (2013.01 - AT); **E04B 1/14** (2013.01 - AT); **E04B 1/541** (2023.08 - AT); **E04B 1/6129** (2013.01 - EP); **E04B 1/6175** (2013.01 - EP); **E04B 2/8629** (2013.01 - AT); **E04C 2/292** (2013.01 - EP); **E04C 2/34** (2013.01 - AT)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**WO 2016154641 A1 20161006**; AT 516152 A4 20160315; AT 516152 B1 20160315; BR 112017020742 A2 20180717; CL 2017002434 A1 20180420; CN 107567524 A 20180109; CO 2017009690 A2 20180131; EP 3274517 A1 20180131; EP 3274517 B1 20240103; EP 3274517 C0 20240103; MX 2017012273 A 20180504; PE 20171617 A1 20171102; ZA 201707290 B 20190227

DOCDB simple family (application)

**AT 2015050284 W 20151105**; AT 502472015 A 20150327; BR 112017020742 A 20151105; CL 2017002434 A 20170927; CN 201580079660 A 20151105; CO 2017009690 A 20170926; EP 15801981 A 20151105; MX 2017012273 A 20151105; PE 2017001610 A 20151105; ZA 201707290 A 20171026