

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 B1 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

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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)

Citation (examination)

- US 2010212241 A1 20100826 - HOLROYD LESLIE STEWART [CA]
- WO 9614480 A1 19960517 - ROYAL BUILDING SYST CANADA [CA], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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