

Title (en)
BUILDING ASSEMBLY

Title (de)
GEBÄUDEANORDNUNG

Title (fr)
ENSEMBLE DE CONSTRUCTION

Publication
EP 4039902 A1 20220810 (EN)

Application
EP 21156147 A 20210209

Priority
EP 21156147 A 20210209

Abstract (en)
Disclosed herein is a building assembly (100) for assembling building panels. The building assembly (100) includes a supporting member (110), a pair of a first sealing members (120), an elastically deformable gasket (130), and a second sealing member (140). The supporting member (110) has a base (111), a channel (112) disposed at the center of the base (111), and a pair of rails (114) independently disposed next to the channel (112). The pair of a first sealing members (120) independently includes a first base portion (121) and two retention tongues (122a, 122b) independently extending outwardly from the first base portion (121). The elastically deformable gasket (130) has a U- or V-shaped space (132) in cross section and two flanges (134) independently extending laterally from one edge of the U- or V-shaped space (132). The second sealing member (140) has a second base portion (1411) and a rib (142) disposed at the center of the second base portion (140). Further, the pair of the first sealing members (120) are configured to engage with the supporting member (110), the elastically deformable gasket (130) is configured to be snap-fitted into the channel (112) of the supporting member (110), the second sealing member (140) is configured to engage with the elastically deformable gasket (130) via press-fitting the rib into the U- or V-shaped space of the elastically deformable gasket (130); and the engagement of the pair of the first sealing members (120) with the supporting member (110) creates a pair of pockets (115) independently for receiving a construction panel therein.

IPC 8 full level
E04B 2/74 (2006.01)

CPC (source: EP)
E04B 2/7407 (2013.01); **E04B 2002/7498** (2013.01)

Citation (applicant)
US 2015376899 A1 20151231 - JOSEPH JOHANNES [NL], et al

Citation (search report)

- [I] WO 2012172539 A1 20121220 - POLYGAL PLASTICS IND LTD [IL], et al
- [A] SG 10201808742P A 20200528 - GAT SDN BHD [MY]
- [A] US 5228254 A 19930720 - HONEYCUTT JR JAMES R [US]

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

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BA ME

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