

Title (en)

MODULAR WALLING SYSTEM, COMPONENTS AND METHODS

Title (de)

MODULARES WANDSYSTEM, KOMPONENTEN UND VERFAHREN

Title (fr)

SYSTÈME DE MURAGE MODULAIRE, COMPOSANTS ET PROCÉDÉS

Publication

EP 4062004 A4 20230802 (EN)

Application

EP 19883748 A 20191118

Priority

- AU 2019051268 W 20191118
- AU 2018904374 A 20181116

Abstract (en)

[origin: WO2020097696A1] This invention relates to a modular walling system. The system includes a plurality of primary structural members. Each primary structural member has a generally channel-shaped cross-sectional profile with an outer wall defining surface and two flanges extending away from the outer wall defining surface. The system further includes a securing means which is configured to apply a securing force to retain pairs of primary structural members in a side-by-side relationship. The securing means is configured to secure adjacent flanges of respective pairs of the primary structural members such that the adjacent flanges are held together in secure face-to-face abutment by the securing force. A primary corner member having a solid construction is connectable between a first primary structural member with its outer wall defining surface extending in a first direction, and a second primary structural member with its outer wall defining surface extending in a second direction. Figure 8

IPC 8 full level

E04B 2/62 (2006.01); **E04B 1/02** (2006.01); **E04C 2/38** (2006.01)

CPC (source: AU EP US)

E04B 1/02 (2013.01 - AU EP); **E04B 1/388** (2023.08 - US); **E04B 2/56** (2013.01 - US); **E04B 2/62** (2013.01 - AU); **E04C 2/38** (2013.01 - AU EP); **E04C 3/30** (2013.01 - US); **E04B 2001/389** (2023.08 - US)

Citation (search report)

- [X] WO 2012171068 A1 20121220 - ULTIMATE HOUSING SOLUTIONS PTY LTD [AU], et al
- [X] US 2010218446 A1 20100902 - QU PING [CN], et al
- [X] US 6415557 B1 20020709 - MCCALLEY RICHARD M [US]
- See also references of WO 2020097696A1

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)

WO 2020097696 A1 20200522; AU 2019378092 A1 20220721; CA 3162017 A1 20200522; EP 4062004 A1 20220928; EP 4062004 A4 20230802; US 2023003018 A1 20230105

DOCDB simple family (application)

AU 2019051268 W 20191118; AU 2019378092 A 20191118; CA 3162017 A 20191118; EP 19883748 A 20191118; US 20191777904 A 20191118