

Title (en)

BUILDING MATERIALS.

Title (de)

KONSTRUKTIONSMATERIALIEN.

Title (fr)

MATERIAUX DE CONSTRUCTION.

Publication

EP 0648302 A4 19931018 (EN)

Application

EP 91912691 A 19910618

Priority

- US 9104141 W 19910618
- US 53991490 A 19900618

Abstract (en)

[origin: WO9119863A1] A modular structural assembly (100) is disclosed for use in construction and for connection with other neighboring generally identical modular structural assemblies (100) to create a building structure. The modular structural assembly (100) includes a structural subassembly having an inner volume and being mechanically connectable with the neighboring structural assemblies to define a building structure. The structural subassembly has a plurality of conduit connection apertures (110) distributed at least about the periphery thereof. The modular structural assembly also includes a utility subassembly (112) locatable within the inner volume. The utility subassembly (112) has a plurality of conduits extending from at least one junction in a plurality of directions, where the conduits are selectively connected together and locatable through the conduit connection apertures (110) for connection to corresponding utility subassemblies of the neighboring generally identical modular structural assemblies.

IPC 1-7

E04B 5/48; E04C 2/52

IPC 8 full level

E04B 1/34 (2006.01); **E03C 1/00** (2006.01); **E04B 1/36** (2006.01); **E04B 1/58** (2006.01); **E04B 5/48** (2006.01); **E04C 2/52** (2006.01);
F24J 2/04 (2006.01); **F24J 2/48** (2006.01)

CPC (source: EP)

E04B 1/36 (2013.01); **F24S 10/10** (2018.04); **F24S 70/10** (2018.04); **H02G 3/286** (2013.01); **F24S 2020/10** (2018.04); **Y02E 10/44** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 9119863 A1 19911226; AU 8210491 A 19920107; BR 9106570 A 19930330; CA 2085484 A1 19911219; EP 0648302 A1 19950419;
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US 9104141 W 19910618; AU 8210491 A 19910618; BR 9106570 A 19910618; CA 2085484 A 19910618; EP 91912691 A 19910618;
IL 9620290 A 19901031; JP 51176691 A 19910618