

Title (en)
MODULAR BUILDING, PREFABRICATED VOLUME-MODULE AND METHOD FOR PRODUCTION OF A MODULAR BUILDING

Title (de)
MODULARES GEBÄUDE, VORGEFERTIGTES VOLUMENMODUL UND VERFAHREN ZUR HERSTELLUNG EINES MODULAREN GEBÄUDES

Title (fr)
BATIMENT MODULAIRE, MODULE TRIDIMENSIONNEL PREFABRIQUE ET PROCEDE DE CONSTRUCTION DE CE BATIMENT MODULAIRE

Publication
EP 1485543 A1 20041215 (EN)

Application
EP 03713119 A 20030226

Priority
• SE 0300303 W 20030226
• SE 0200607 A 20020227

Abstract (en)
[origin: WO03078748A1] The invention relates to a floor construction, comprising a plurality of loadbearing steel bars (24), preferably sheet metal profiles, and one or more superposed panel elements (17), such as gypsum boards. The panel elements (17) are supported by the steel bars (24) via (i) at least one trapezoidal metal sheet (16) or the like, which defines an intermediate horizontal plane of the floor construction and which forms a plurality of ducts (133) for laying of installation components (138), such as lines and pipes, in the intermediate horizontal plane; and (ii) a plurality of spacers (132) which are distributed in the intermediate horizontal plane in at least one zone (IZ-1; IZ2), termed installation zone, at the side of the trapezoidal metal sheet (16) where said ducts (133) open, and which spacers (138) horizontally between them define spaces in which said installation components (138) are adapted to be laid also in other directions (139) than the direction of the ducts (133) of the trapezoidal metal sheet (16). The invention also relates to a method of manufacturing a floor construction and a modular building comprising such a construction.

IPC 1-7
E04B 1/24; **E04B 1/348**

IPC 8 full level
E04B 1/348 (2006.01); **E04B 5/10** (2006.01); **E04B 5/48** (2006.01); **E04C 3/10** (2006.01); **E04C 3/32** (2006.01)

CPC (source: EP US)
E04B 1/34807 (2013.01 - EP US); **E04B 1/3483** (2013.01 - EP US); **E04B 5/10** (2013.01 - EP US); **E04B 5/48** (2013.01 - EP US); **E04C 3/10** (2013.01 - EP US); **E04C 3/32** (2013.01 - EP US)

Citation (search report)
See references of WO 03093593A1

Cited by
RU209934U1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
WO 03078748 A1 20030925; AU 2003217096 A1 20030929; AU 2003220779 A1 20031117; EP 1485543 A1 20041215; NO 20043552 L 20041026; SE 0200607 D0 20020227; SE 0200607 L 20030828; SE 521286 C2 20031021; US 2005210762 A1 20050929; WO 03093593 A1 20031113

DOCDB simple family (application)
SE 0300313 W 20030226; AU 2003217096 A 20030226; AU 2003220779 A 20030226; EP 03713119 A 20030226; NO 20043552 A 20040826; SE 0200607 A 20020227; SE 0300303 W 20030226; US 50596004 A 20041027