

Title (en)
Lightweight dwelling module and modular building

Title (de)
Leichtes Wohnmodul und Modulgebäude

Title (fr)
Module léger d'habitation et bâtiment modulaire

Publication
EP 2369076 B1 20161123 (FR)

Application
EP 11159613 A 20110324

Priority
FR 1001236 A 20100326

Abstract (en)
[origin: EP2369076A1] The module (1) has a canvas (2) forming a roof of the module and fixed along a lower peripheral edge on a rigid frame (3) that is maintained remotely from a floor by side posts. A canvas stretching system stretches the canvas by raising the canvas upwards. Vertical thermal insulating panels (5) e.g. self-supporting sandwich panels, and/or opening frames (6) sealably close vertical facades situated along the perimeter of the frame. A false ceiling is fixed with the frame by the edge so as to create a thermal and acoustic bat by entrapping air contained between the canvas and the false ceiling. An independent claim is also included for a modular building comprising a sealing device.

IPC 8 full level
E04B 1/343 (2006.01); **E04B 7/14** (2006.01); **E04H 1/12** (2006.01); **E04H 15/18** (2006.01)

CPC (source: EP US)
E04B 1/34315 (2013.01 - EP US); **E04B 7/14** (2013.01 - EP US); **E04H 1/1205** (2013.01 - EP US); **E04H 15/18** (2013.01 - EP US);
E04B 1/76 (2013.01 - EP US); **Y10S 135/908** (2013.01 - EP US)

Cited by
RU174852U1; CN110130498A; FR2998915A1

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)
EP 2369076 A1 20110928; EP 2369076 B1 20161123; ES 2614177 T3 20170530; FR 2957961 A1 20110930; FR 2957961 B1 20150327;
PT 2369076 T 20170214; US 2011258941 A1 20111027; US 8863443 B2 20141021

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EP 11159613 A 20110324; ES 11159613 T 20110324; FR 1001236 A 20100326; PT 11159613 T 20110324; US 201113072200 A 20110325