

Title (en)
CONSTRUCTION MODULE

Title (de)
BAUMODUL

Title (fr)
MODULE DE CONSTRUCTION

Publication
EP 3282061 A1 20180214 (EN)

Application
EP 16382393 A 20160808

Priority
EP 16382393 A 20160808

Abstract (en)
A precast reinforced concrete module (10, 20) is provided. It comprises a concrete wall (12); two longitudinal nerves (11) disposed each of them at an end of said concrete wall (12), said concrete wall (12) extending between said longitudinal nerves (11), said nerves (11) being configured for supporting vertical and horizontal efforts; engagement means (17; 171, 172, 173) for mechanical connection with another module (10, 20) forming a vertical wall; and supporting means (14, 15) mounted on said longitudinal nerves (11). The module also comprises at least one building service installation element (191, 192, 193, 194) preinstalled on said concrete wall (12) in at least one recess (31, 32) made along said concrete wall (12), said at least one building service installation element (191, 192, 193, 194) comprising at least one free ends for the connection with at least one building service installation element (191, 192, 193, 194) preinstalled on another module (10, 20). A construction wall formed by several modules (10, 20) is also provided. A rigid core assembly formed by several modules is also provided.

IPC 8 full level
E04B 1/348 (2006.01); **E04B 1/00** (2006.01); **E04B 1/04** (2006.01); **E04B 1/34** (2006.01)

CPC (source: EP)
E04B 1/0023 (2013.01); **E04B 1/34869** (2013.01); **E04C 2/044** (2013.01); **E04C 2/521** (2013.01); **E04B 1/04** (2013.01); **E04F 17/08** (2013.01)

Citation (applicant)
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Citation (search report)
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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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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