

Title (en)

Concrete isothermal quick construction module with built-in heat-convection system

Title (de)

Isothermes Schnellbaumodul auf Betonbasis mit integriertem Wärmeübertragungssystem

Title (fr)

Module de construction rapide isotherme à base de béton avec système de convection de chaleur intégré

Publication

EP 2666921 A1 20131127 (FR)

Application

EP 12007963 A 20121127

Priority

FR 1201442 A 20120522

Abstract (en)

The module (A) has front and rear surfaces (1, 2) separated by a layer forming upper and lower faces (3, 4) of the module. The front and rear surfaces are interconnected by lateral edges (5, 6) intended to be approximately vertical. The upper and lower faces are intended to be approximately horizontal in mounted position of the module in an assembly. A heat convection barrel (10) traverses the module on its sides, and is used as a pipe for heat exchange liquid i.e. air. A rabbet (7) is arranged on one of the lateral edges, and defines a receiving recess (8). Independent claims are also included for the following: (1) a modules assembly (2) a method for manufacturing a construction module in its workshop or on its installation place.

Abstract (fr)

L'invention concerne un module de construction rapide isotherme à base de béton avec système de convection de chaleur intégré. Le module (A) est caractérisé en ce qu'il est muni d'au moins un fût (10) traversant le module de part et d'autre, ledit fût (10) servant à la convection de chaleur. Application dans le domaine de la construction.

IPC 8 full level

E04C 1/39 (2006.01); **E04C 2/52** (2006.01)

CPC (source: EP)

E04C 1/392 (2013.01); **E04C 2/525** (2013.01)

Citation (applicant)

WO 2005035898 A1 20050421 - POPOVIC IVO [HR]

Citation (search report)

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- [XY] EP 0150242 A1 19850807 - KESTING LORENZ
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- [A] EP 1911899 A2 20080416 - KS QUADRO VERWALTUNGSGMBH [DE], et al
- [A] FR 2731733 A1 19960920 - BOUYGUES SA [FR]
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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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DOCDB simple family (application)

EP 12007963 A 20121127; FR 1201442 A 20120522