

Title (en)

High-rigidity modular footing for structure having an at least partially vertical extension

Title (de)

Modulare Fußplatte mit hoher Steifheit für eine Struktur mit einer, zumindest zum Teil vertikalen Ausdehnung

Title (fr)

Socle modulaire très rigide pour structure dotée d'une extension verticale au moins en partie

Publication

**EP 2243902 A1 20101027 (EN)**

Application

**EP 09425148 A 20090422**

Priority

EP 09425148 A 20090422

Abstract (en)

A high-rigidity modular footing (1) for structures having an at least partially vertical extension, the structures (2) comprising at least one column (3) designed to support at least one element (4) that lies substantially transversely to the column (3). The modular footing (1) comprises a plurality of beams (5), which are mutually coupled so as to constitute at least one supporting grid (6), which is provided with at least one locking node (7) for the lower end (3a) of the at least one column (3) and has such dimensions as to balance, with suitable constraining reactions, the forces and moments applied by the column (3) to the locking node (7), ensuring the balance and stability of the column (3) and of the at least one respective substantially transverse element (4).

IPC 8 full level

**E04H 15/56** (2006.01); **E04H 15/58** (2006.01)

CPC (source: EP)

**E04H 15/56** (2013.01); **E04H 15/58** (2013.01)

Citation (applicant)

US 2004177569 A1 20040916 - KIM SEONG-TAE [KR], et al

Citation (search report)

- [XA] US 2004177569 A1 20040916 - KIM SEONG-TAE [KR], et al
- [X] WO 9527114 A1 19951012 - ROBBA ROBERT [FR]
- [A] DE 8814961 U1 19890126
- [A] WO 2006021238 A1 20060302 - F C M SERVICES S R L [IT], et al
- [A] DE 10100399 A1 20020711 - HUANG CHIEN-TEH [TW]
- [A] DE 7317699 U 19730920

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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