

Title (en)
FOUNDATION SYSTEM FOR THE REALISATION OF PREFABRICATED STRUCTURES, IN PARTICULAR FOR THE REALISATION OF MODULAR PARKING LOTS

Title (de)
FUNDAMENTSYSTEM ZUR HERSTELLUNG VORGEFERTIGTER STRUKTUREN, INSBESONDERE ZUR HERSTELLUNG MODULARER PARKPLÄTZE

Title (fr)
SYSTÈME DE FONDATION POUR LA RÉALISATION DE STRUCTURES PRÉFABRIQUÉES, EN PARTICULIER POUR LA RÉALISATION DE PARCS DE STATIONNEMENT MODULAIRES

Publication
EP 4308774 A1 20240124 (EN)

Application
EP 22717453 A 20220318

Priority
• IT 202100006563 A 20210318
• IT 2022050058 W 20220318

Abstract (en)
[origin: WO2022195642A1] The present invention concerns a foundation system for the realisation of prefabricated structures, in particular for the realisation of modular parking lots, consisting of - a first framework, comprising at least a first level of a prefabricated structure, comprising at least three columns (20) arranged aligned at a predetermined distance along a direction, a diagonal rod (21) being arranged between the head of each column (20) and the foot of the adjacent column (20), a lower beam (19) and an upper beam (22); a second framework comprising a plurality of support elements (10'), in a number corresponding to the number of said columns (20), each support element (10') being arranged under a corresponding column (20), each support element (10') being adapted to receive the concentrated/point loads of the corresponding column (20) and to distribute such concentrated/point loads over a wider area.

IPC 8 full level
E04H 6/08 (2006.01); **E02D 27/01** (2006.01); **E02D 27/02** (2006.01)

CPC (source: EP)
E04H 6/08 (2013.01)

Citation (search report)
See references of WO 2022195642A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022195642 A1 20220922; EP 4308774 A1 20240124; IT 202100006563 A1 20220918

DOCDB simple family (application)
IT 2022050058 W 20220318; EP 22717453 A 20220318; IT 202100006563 A 20210318