

Title (en)

A NON-STANDARD, REINFORCED LOAD-BEARING CELL FOR A SIMPLIFIED, INTERCONNECTING CELLULAR CONSTRUCTION SYSTEM

Title (de)

VERSTÄRKTE NICHTSTANDARD-LASTENTRAGEZELLE FÜR EIN VEREINFACHTES, VERNETZTES UND ZELLULÄRES KONSTRUKTIONSSYSTEM

Title (fr)

CELLULE DE SUPPORT DE CHARGE RENFORCÉE NON STANDARD POUR UN SYSTÈME DE CONSTRUCTION CELLULAIRE À INTERCONNEXION SIMPLIFIÉE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2012095721A1] The teachings are generally directed to a construction system that includes a three- dimensional, load-bearing cell that can be modular, releasably connectable with other construction components, reinforced with bracing for higher strength, and exceed industry size limits, for use in a building or non-building structure. The load-bearing cell can be constructed on-site and can have a dimension that exceeds size standards set for transporting construction materials to a construction site as compared to pre-fabricated cellular structures. These construction cells are a novel, technical contribution for at least the reason that they overcome the technical industry size limitations that add cost and complexity to construction. The teachings provide (i) an ability to save on the complexities and amounts of materials, equipment, and labor needed in a construction project, (ii) a reduction in costs, and (iii) a novel, simplified, and bid-winning approach to the art of construction.

IPC 8 full level

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