

Title (en)

CONSTRUCTION STRUCTURE BODY, STRUCTURE UNIT, AND METHOD FOR THE UNIT

Title (de)

BAUSTRUKTURKÖRPER, STRUKTUREINHEIT UND VERFAHREN FÜR DIE EINHEIT

Title (fr)

CORPS DE STRUCTURE DE CONSTRUCTION, UNITÉ DE STRUCTURE, ET PROCÉDÉ CORRESPONDANT A L'UNITÉ

Publication

EP 1992751 A4 20090401 (EN)

Application

EP 06834230 A 20061207

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- JP 2006316868 W 20060828

Abstract (en)

[origin: EP1992751A1] The present invention provides an architectural structure having a main frame of honeycomb configuration that is erected vertically and expands in a plane, a structural unit therefore, and a method for constructing the same. An architectural structure having a main frame formed by connecting a plurality of structural units, wherein a virtual honeycomb configuration that is erected vertically and expands in a plane is provided with one structural unit (1, 2, 3, 4, 5, 6) disposed at a position that includes one apex (h1, h2, h3, h4, h5, h6) of a hexagonal cell (H1, H2) that is the unit cell thereof in front view, means are provided for rigidly joining two structural units by disposing joint surfaces, that are formed in part of the respective outer circumferential surfaces of the two structural units that adjoin each other, so as to oppose each other, while the surfaces (s1, s2, s3, s4, s5, s6) that are rigidly joined each crosses one of the sides of the hexagonal cell, and an opening (W) surrounded by all the structural units that are disposed on the hexagonal cell is formed in the mid portion of each hexagonal cell.

IPC 8 full level

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Citation (search report)

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