

Title (en)

METHOD AND KIT FOR PRODUCING STRUCTURAL PARTS AND COMPLETE STRUCTURAL MEMBERS USING INTERCONNECTED STRUCTURAL ELEMENTS, AND ARRANGEMENT FOR INTERCONNECTING THE STRUCTURAL ELEMENTS

Title (de)

VERFAHREN UND BAUSATZ ZUM HERSTELLEN VON BAUKÖRPERTEILEN UND VOLLSTÄNDIGEN BAUWERKSKÖRPERN UNTER VERWENDUNG MITEINANDER ZU VERBINDENDER BAUELEMENTE SOWIE ANORDNUNG ZUR VERBINDUNG DER BAUELEMENTE MITEINANDER

Title (fr)

PROCEDE ET JEU DE PIECES PERMETTANT DE PRODUIRE DES PARTIES STRUCTURALES ET DES CORPS STRUCTURAUX ENTIERS A L'AIDE D'ELEMENTS STRUCTURAUX A INTERCONNECTER, ET SYSTEME PERMETTANT D'INTERCONNECTER LES ELEMENTS STRUCTURAUX

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Application

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Abstract (en)

[origin: US6085477A] PCT No. PCT/DE96/01483 Sec. 371 Date May 4, 1998 Sec. 102(e) Date May 4, 1998 PCT Filed Aug. 2, 1996 PCT Pub. No. WO97/05339 PCT Pub. Date Feb. 13, 1997The invention relates to a method and a kit for producing structural parts and complete structural members using structural elements, which are to be connected, as well as to an arrangement for connecting the structural elements to one another. It is an object of the invention to provide a method, a kit and an arrangement of the generic type, with which it is possible to assemble structural bodies of different form and development of the structural elements into self-supporting structural members, structural sections and areas. Pursuant to the invention, this objective is accomplished owing to the fact that the structural elements are assembled together into planar structural parts and structural members by means of edge-overlapping and surface over-lapping connecting elements, which are to be inserted, and are fixed and locked in the completely assembled state as compact structural bodies. The invention is developed owing to the fact that the structural elements of the kit are constructed as basic elements and as connecting elements, the connecting elements having guides, in which the basic elements are accommodated and brought into a relationship with one another, in which they form planar, as well as spatial structures of different geometric shape and are assembled using direction-changing elements.

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