

Title (en)

Process for the fast assembling of construction parts, and device therefor.

Title (de)

Verfahren zur schnellen Montage von Konstruktionsteilen und Vorrichtung dafür.

Title (fr)

Procédé de montage rapide d'éléments constitutifs d'une construction et dispositif mis en oeuvre dans ce procédé.

Publication

EP 0154569 A1 19850911 (FR)

Application

EP 85400095 A 19850121

Priority

FR 8402935 A 19840227

Abstract (en)

[origin: US4641589A] A process for the assembly of at least one adjacent pair of component structural elements to form an upright vault structure, each of the elements having a recess, wherein the elements are arranged flat on the ground in the desired relative configuration and are temporarily joined together into an assembled unit by an assembly device, whereafter the device and the assembled unit are lifted and placed in a final position of the structure, and the joining device is removed from the elements. The joining device includes a post and a pair of opposed spaced jaw members mounted on the post for relative movement toward and away from one another, a pair of wing members being afixed to one of the jaw members, the wing members extending from opposite sides of this jaw member and toward the other of the jaw members and respectively engaging the recess of the structural elements. The jaw members are clamped together about the joined structural element.

Abstract (fr)

L'invention se rapporte à la construction. Elle concerne un procédé de montage rapide d'au moins deux éléments constitutifs d'une construction, caractérisé en ce qu'il consiste : a) à disposer à plat et au sol ces éléments constitutifs (1) dans la configuration relative désirée; b) à solidariser ensemble ces éléments constitutifs à l'aide de moyens (3) d'assemblage temporaire appropriés; c) à soulever l'ensemble formé par les éléments constitutifs assemblés à l'aide de moyens de levage appropriés et à mettre cet ensemble à sa position définitive dans la construction; et d) à enlever les moyens d'assemblage temporaire. Application notamment à la construction de voûte de fours verriers.

IPC 1-7

F27D 1/16; **E04G 21/16**; **E04G 21/18**

IPC 8 full level

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Citation (search report)

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- [X] FR 1200086 A 19591217
- [X] DE 556823 C 19320815 - FRITZ RAUCHFUSS
- [A] DE 2119205 A1 19721026
- [A] FR 2453253 A1 19801031 - AUBURTIN SA

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