

Title (en)

Tridimensional element for building purposes and its manufacturing process.

Title (de)

Raumkörper zur Errichtung von Bauwerken und Verfahren zu seiner Herstellung.

Title (fr)

Élément tridimensionnel pour la construction d'ouvrages et procédé pour sa fabrication.

Publication

EP 0631022 A3 19950719 (DE)

Application

EP 94106923 A 19940503

Priority

DE 4314714 A 19930504

Abstract (en)

[origin: EP0631022A2] The invention discloses a free-standing carcass unit or system-built structural unit, as three-dimensional body for constructing single-storey or multiple-storey building structures from a multiplicity of such three-dimensional bodies, each three-dimensional body being made up to prefabricated compound elements which each form a two-hinged frame in the longitudinal direction and a three-hinged frame in the transverse direction. The three-hinged frame can be transferred into a two-hinged frame by positive or frictional locking. Advantageously, the two prefabricated compound elements are produced together from concrete in such a manner that, after their manufacture, they can be separated for transportation and/or for storage, can be connected once again on site for constructing the building structure, and can be separated once again for dismantling the building structure in order then, if appropriate, to be used in a corresponding manner for constructing another building structure. <IMAGE>

IPC 1-7

E04B 1/348

IPC 8 full level

B28B 1/00 (2006.01); **B28B 23/00** (2006.01); **E04B 1/348** (2006.01)

CPC (source: EP)

B28B 23/00 (2013.01); **E04B 1/34823** (2013.01)

Citation (search report)

- [XAY] DE 2644453 A1 19780406 - PATENTA ENTWICKLUNGS & VERWERT
- [Y] US 4569500 A 19860211 - BEEDE EARL R [US]
- [Y] FR 1216194 A 19600422
- [A] FR 1420676 A 19651210
- [A] FR 1404620 A 19650702 - TECH JEAN PROUVE
- [A] US 3724141 A 19730403 - KELLEHER M
- [A] FR 2199282 A5 19740405 - ERIP [FR]

Cited by

WO9953152A1; WO0175241A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0631022 A2 19941228; EP 0631022 A3 19950719; EP 0631022 B1 20000419; AT E191944 T1 20000515; DE 4314714 A1 19941117; DE 59409294 D1 20000525; ES 2147563 T3 20000916

DOCDB simple family (application)

EP 94106923 A 19940503; AT 94106923 T 19940503; DE 4314714 A 19930504; DE 59409294 T 19940503; ES 94106923 T 19940503