

Title (en)

Formwork element for building a beam

Title (de)

Verschalungselement zum Bau eines Trägers

Title (fr)

Élément de coffrage pour la construction d'une poutrelle

Publication

**EP 2444567 B1 20210113 (FR)**

Application

**EP 11153695 A 20110208**

Priority

FR 1000496 A 20100208

Abstract (en)

[origin: FR2956139A1] The formwork element (100) has a section (101) fixed with a metal reinforcement (200) and receiving units for partially drowning the metal reinforcement. The section is made of composite material to ensure resistance against fire of a self-supporting girder (10). A connection plate (300) is molded with the section, and fixes the formwork element with a wall element. The connection plate is made of composite material. Two side wings (150) are arranged on both sides of a sole (110). The metal reinforcement is made of series of metal bars. An independent claim is also included for a self-supporting girder, comprising a metal reinforcement.

IPC 8 full level

**E04C 5/065** (2006.01)

CPC (source: EP)

**E04C 3/20** (2013.01); **E04C 5/0656** (2013.01)

Citation (examination)

- FR 2478704 A1 19810925 - GLASS REINFORCED CONCRETE LTD [GB]
- FR 2940337 A1 20100625 - ISOLTOP [FR]

Designated contracting state (EPC)

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DOCDB simple family (publication)

**FR 2956139 A1 20110812; FR 2956139 B1 20120224**; EP 2444567 A1 20120425; EP 2444567 B1 20210113

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**FR 1000496 A 20100208**; EP 11153695 A 20110208