

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 A1 20120425 (FR)**

Application  
**EP 11153695 A 20110208**

Priority  
FR 1000496 A 20100208

Abstract (en)  
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.

Abstract (fr)  
Un élément de coffrage (100) pour la construction d'une poutrelle (10) à armature comprenant un profilé (101) destiné à se fixer à l'armature (200) et à recevoir des moyens pour noyer partiellement ladite armature (200) caractérisé en ce que ledit profilé (101) est formé en matériau composite pour assurer la tenue au feu de ladite poutrelle (10).

IPC 8 full level  
**E04C 5/065** (2006.01)

CPC (source: EP)  
**E04C 3/20** (2013.01); **E04C 5/0656** (2013.01)

Citation (search report)

- [XY] EP 1398427 A1 20040317 - FERRARI EZIO [IT]
- [XY] EP 0870883 A2 19981014 - GRUPPO EFFE 2 SPA [IT]
- [Y] EP 1967667 A1 20080910 - CSR LTD [AU]
- [Y] DE 20309363 U1 20040722 - FILIGRAN TRAEGERSYSTEME [DE], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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**