

Title (en)

Prefabricated element for the construction of building extensions and building extensions thus built

Title (de)

Vorgefertigtes Element zum Bau von Gebäudeanbauten, und so erstellte Gebäudeanbauten

Title (fr)

Élément préfabriqué pour la construction d'extensions d'immeubles et extensions d'immeubles ainsi réalisées

Publication

EP 2339085 A1 20110629 (FR)

Application

EP 09180465 A 20091222

Priority

EP 09180465 A 20091222

Abstract (en)

The element (1) has two sets of composite panels (7) forming a lower face and an upper face, respectively. A metallic framework (2) is arranged between the two sets of panels, and an insulating element is located in an interjoist formed by the framework, where the insulating element is made of glass wool. Each panel is constituted of two outer metal claddings that are separated from one another, and an insulated web that is made of mineral fibers or fibrous-silicate and placed between the metal claddings. An independent claim is also included for a building extension comprising two steel structures.

Abstract (fr)

L'invention concerne un élément de construction (1) constitué: - d'un ensemble de panneaux (7) composées constituant la face inférieure, - d'un ensemble de panneaux (7) composites constituant la face supérieure, - d'une ossature métallique (2) disposée entre les deux et formant au moins un entrevous (21), et - d'un élément isolant (23) situé dans l'entrevous (21) ; les panneaux composites des faces inférieure et supérieure étant constitués chacun de deux parements métalliques externes placés espacés et d'une âme isolante en fibres minérales qui est placée entre lesdits parements. L'invention concerne également des extensions d'immeubles comprenant lesdits éléments de construction.

IPC 8 full level

E04C 2/38 (2006.01); **E04B 5/10** (2006.01); **E04B 5/14** (2006.01); **E04C 2/36** (2006.01)

CPC (source: EP)

E04B 1/003 (2013.01); **E04B 1/34** (2013.01); **E04B 2/7403** (2013.01); **E04B 5/10** (2013.01); **E04B 5/14** (2013.01); **E04C 2/36** (2013.01); **E04C 2/384** (2013.01); **E04B 2001/2481** (2013.01); **E04B 2001/2484** (2013.01)

Citation (search report)

- [A] EP 1923520 A1 20080521 - KNAUF INSAAT VE YAPI ELEMENLAR [TR]
- [A] DE 29806721 U1 19980730 - THILO LANGE METALLBAU GMBH [DE]

Cited by

CN108331250A; CN106660755A; US9908747B2; WO2016008721A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2339085 A1 20110629

DOCDB simple family (application)

EP 09180465 A 20091222