

Title (en)

BUILDING ELEMENT, ESPECIALLY FOR ERECTING VERTICAL AND HORIZONTAL STRUCTURES

Title (de)

BAUELEMENT, INSBESONDERE ZUM ERRICHTEN VON VERTIKALEN UND HORIZONTAL EN KONSTRUKTIONEN

Title (fr)

ELEMENT DE CONSTRUCTION, CONVENANT SPECIALEMENT AU MONTAGE DE STRUCTURES VERTICALES ET HORIZONTALES

Publication

**EP 1606468 B1 20110601 (EN)**

Application

**EP 03813513 A 20031210**

Priority

- CZ 0300068 W 20031210
- CZ 20024255 A 20021223

Abstract (en)

[origin: WO2004057124A1] The invention involves a building element, especially for erecting horizontal and vertical structures, in the shape of a cuboid, which comprises a basic body (1) with a T-shaped profile, created by dividing a right-angled parallelepiped to the basic body and two supplementary parts, whose shape corresponds with a half of the basic body, divided along its vertical axis. Two T-shaped profiles can be shifted with respect to each other in the structure so that there is space (5) between them for inserting other technological and/or structural elements, and the T-shaped profiles can be arranged in the structure in the shape of a bond in vertical and course joints. The T-shaped profile's external walls can be fitted with surface treatment (6). The building element can be made from concrete, wood, polystyrene, sponge glass, burnt and unburnt clay, stone, ceramics, plaster, anhydrite, resin, metal, pressed sawdust, sand and the like, but can be made virtually of any material.

IPC 8 full level

**E04B 2/12** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)

**E04B 2/12** (2013.01); **E04B 2002/0206** (2013.01); **E04B 2002/0226** (2013.01)

Cited by

DE102015106783A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004057124 A1 20040708**; AT E511582 T1 20110615; AU 2003303214 A1 20040714; CZ 20024255 A3 20040818; CZ 304305 B6 20140219; EP 1606468 A1 20051221; EP 1606468 B1 20110601

DOCDB simple family (application)

**CZ 0300068 W 20031210**; AT 03813513 T 20031210; AU 2003303214 A 20031210; CZ 20024255 A 20021223; EP 03813513 A 20031210