

Title (en)
WALL STRUCTURAL ELEMENTS, FLOOR STRUCTURAL ELEMENTS, ROOF STRUCTURAL ELEMENTS AND BUILDINGS COMPRISING AT LEAST ONE OF THE ELEMENTS

Title (de)
MAUERSTRUKTURELEMENTE, FUSSBODENSTRUKTURELEMENTE, DACHSTRUKTURELEMENTE UND GEBÄUDE, DIE MINDESTENS EINES DIESER ELEMENTE UMFASSEN

Title (fr)
ÉLÉMENTS DE STRUCTURE MURALE, ÉLÉMENTS DE STRUCTURE DE PLANCHER, ÉLÉMENTS DE STRUCTURE DE TOIT ET BÂTIMENTS COMPORTANT AU MOINS UN DES ÉLÉMENTS

Publication
EP 3536871 A3 20191002 (FR)

Application
EP 19158347 A 20130325

Priority
• EP 19158347 A 20130325
• EP 13160840 A 20130325

Abstract (en)
[origin: EP2784236A1] The structural element (1) has a metal frame (11) including a lower metal beam (10) and an upper metal beam (20) interconnected by intermediate metal beams (30). An external panel (60) and an internal panel (70) are connected to external connectors (41-46) and internal connectors (51-56), respectively, where spacers (91-96) are connected to an outer face of the internal panel. A finishing panel (100) is connected to the spacers such that the finishing panel is parallel to the internal panel, and an empty space (110) is provided between the internal panel and the finishing panel. Independent claims are also included for the following: (1) a floor structural element (2) a roof structural element.

Abstract (fr)
Des éléments de construction préfabriqués, en particulier un mur, une dalle et un toit. Ces éléments de construction comportent une ossature métallique et de panneaux, fixés sur les faces opposées d'une ossature à l'aide de connecteurs isolantes, par exemple en bois. Les éléments de constructions préfabriqués permettent un agencement sur place, sur un site de construction, afin de construire un bâtiment complet à plusieurs étages.

IPC 8 full level
E04C 2/38 (2006.01)

CPC (source: EP)
E04C 2/384 (2013.01)

Citation (search report)
• [X] EP 0083276 A1 19830706 - DIETRICH & CIE DE [FR], et al
• [X] US 6427407 B1 20020806 - WILSON STUART [US]
• [X] AT 6096 U1 20030425 - LIST GENERAL CONTRACTOR GMBH [AT]
• [I] CH 485090 A 19700131 - WUHRMANN PAUL [CH]
• [I] BE 628567 A

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

DOCDB simple family (publication)
EP 2784236 A1 20141001; EP 2784236 B1 20190306; EP 3536871 A2 20190911; EP 3536871 A3 20191002

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EP 13160840 A 20130325; EP 19158347 A 20130325