

Title (en)
FRAMES FOR BUILDINGS

Title (de)
RAHMEN FÜR GEBÄUDE

Title (fr)
STRUCTURES POUR BATIMENTS

Publication
EP 1859108 B1 20110810 (DE)

Application
EP 06704753 A 20060316

Priority
• AT 2006000111 W 20060316
• AT 4502005 A 20050317
• AT 11232005 A 20050704

Abstract (en)
[origin: WO2006096899A2] The invention relates to a building, for example a residential building or a hall, comprising a frame (1), which consists of several frame elements (9) which are arranged in a parallel manner and at a distance from each other. The frame elements (9) consist of two vertical supports (3) and at least one horizontal carrier (5, 7). Said frame elements (9) are connected together to the frame (1) of the building by posts (11) which are arranged on the outside on the vertical supports thereof (3). In order to connect the supports (3), the carriers (5, 7) and the posts (11), corners (17) which are made of sheet steel, which open the holes (19) for the insertion of connection means (screws) into the side thereof (23) and/or from the sides (23) of the corner (17), and bent pins (21) are used according to pin plates. Bolts for connecting the frame elements (9) and for reinforcing the frame (1) in the longitudinal direction, and which are arranged and secured between the vertical supports (3) are provided in a frame (1) which consists of frame elements (9) which is provided with vertical supports (3) and horizontal carriers (7). The bolts (37) support wall elements (39) which are adjacent to the stops (50) on the innerside thereof on the vertical supports (3). Preferably, the wall elements (39) and the bolts (37) are prefabricated units which are applied to the stops (50) in an adjacent position between the vertical supports (3) and then the bolts (37) are secured to the vertical supports.

IPC 8 full level
E04B 1/24 (2006.01); **E04B 1/26** (2006.01)

CPC (source: EP US)
E04B 1/26 (2013.01 - EP US); **E04B 2001/2644** (2013.01 - EP US); **E04B 2001/2648** (2013.01 - EP US); **E04B 2001/2696** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
WO 2006096899 A2 20060921; WO 2006096899 A3 20070419; AT E519896 T1 20110815; CA 2601590 A1 20060921;
EP 1859108 A2 20071128; EP 1859108 B1 20110810; PL 1859108 T3 20111230; RU 2007138387 A 20090427; RU 2397295 C2 20100820;
US 2008148678 A1 20080626

DOCDB simple family (application)
AT 2006000111 W 20060316; AT 06704753 T 20060316; CA 2601590 A 20060316; EP 06704753 A 20060316; PL 06704753 T 20060316;
RU 2007138387 A 20060316; US 88647206 A 20060316