

Title (en)

Load bearing building wall comprising small wall members

Title (de)

Gemauerte Wand aus kleindimensionalen Wandelementen

Title (fr)

Mur porteur en maçonnerie de petits éléments

Publication

EP 1803864 B1 20100428 (EN)

Application

EP 06026883 A 20061227

Priority

PL 37864006 A 20060102

Abstract (en)

[origin: EP1803864A1] The load bearing wall is provided with a vertical bent panel (1) constructed of cuboidal blocks (2) and shaped into a set of separated pillars (3) combined in strips between the axes of vertical grooves (4) which, being covered by the internal finishing layer (5), function as service ducts running to the upper storeys between the tongues (6) of the narrowed ring beam (7). On the external side of the wall with vertical grooves (10), an insulating material layer (11) provided with a textural facade surface (12) is mounted. At the points of exceeded load bearing capacity of the separated pillars (3), a complete wall (13) or a ferroconcrete reinforcement (14) in the vertical grooves (4, 10) are constructed.

IPC 8 full level

E04B 2/28 (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)

E04B 2/04 (2013.01); **E04B 2/28** (2013.01); **E04B 2002/0297** (2013.01)

Cited by

CN112049274A

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

DOCDB simple family (publication)

EP 1803864 A1 20070704; **EP 1803864 B1 20100428**; AT E466145 T1 20100515; DE 602006013928 D1 20100610; PL 206038 B1 20100630; PL 378640 A1 20070709

DOCDB simple family (application)

EP 06026883 A 20061227; AT 06026883 T 20061227; DE 602006013928 T 20061227; PL 37864006 A 20060102