

Title (en)
MODULAR BUILDING

Title (de)
MODULARES GEBÄUDE

Title (fr)
CONSTRUCTION MODULAIRE

Publication
EP 0793756 B1 20040114 (EN)

Application
EP 95939451 A 19951123

Priority
• SE 9501398 W 19951123
• SE 9404111 A 19941125

Abstract (en)
[origin: WO9617138A1] A modular building comprises a plurality of vertical loadbearing columns (52) and a plurality of prefabricated, essentially identical volume modules (10) which are of rectangular horizontal section and which are vertically supported by the columns (52) on one or more floors in such a manner that each of them carries only its own dead weight and load. This building is distinguished by being, with respect to force take-up, divided into an inner zone (IZ), which takes up forces in the vertical direction and contains the columns (52) and the volume modules (10) suspended therefrom and which essentially does not take up any lateral forces acting on the building, as well as a facade zone (FZ), which is arranged immediately outside the inner zone to take up lateral forces in order to stabilize laterally the inner zone (IZ), and hence the entire building. To this end, the facade zone comprises a plurality of facade panel elements (80) which are distributed along the outside of the inner zone and are vertically oriented in a direction perpendicular to the facade of the building.

IPC 1-7
E04B 1/18

IPC 8 full level
E04B 1/18 (2006.01); **E04B 1/16** (2006.01); **E04B 2/86** (2006.01)

CPC (source: EP)
E04B 1/163 (2013.01); **E04B 2/86** (2013.01)

Cited by
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DE DK GB SE

DOCDB simple family (publication)
WO 9617138 A1 19960606; AU 4126096 A 19960619; DE 69532453 D1 20040219; DE 69532453 T2 20041007; DK 0793756 T3 20040216; EP 0793756 A1 19970910; EP 0793756 B1 20040114; HU 220647 B1 20020328; HU T77673 A 19980728; NO 306569 B1 19991122; NO 972361 D0 19970523; NO 972361 L 19970711; PL 320370 A1 19970929; RO 117196 B1 20011130; SE 503479 C2 19960624; SE 9404111 D0 19941125; SE 9404111 L 19960526

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