

Title (en)  
Prefabricated modular structure

Title (de)  
Vorgefertigte modulare Struktur

Title (fr)  
Structure modulaire préfabriquée

Publication  
**EP 1065324 A2 20010103 (EN)**

Application  
**EP 00500146 A 20000630**

Priority  
ES 9901720 U 19990630

Abstract (en)  
"PREFABRICATED MODULAR STRUCTURE", applicable to the building of construction units such as wall and mezzanine structures, characterised by the wall structure being constituted on a foundation of balsa, with lintel beams running throughout each wall, with anchors placed at equal distances formed by a "U" shaped profile, to house electronically welded reinforcing bars, on whose base a core of expanded polystyrene panels is prepared with a coping on its lateral faces that form polygonal openings and crossing these panels are the support profiles of an interior finishing plate, also providing an exterior mesh and fixing for a concrete coat that completely fills the constricted openings; the mezzanine structure has a concrete coat projected on a steel mesh, fixed on the polygonal openings, and is provided with an electronically welded reinforcing bar and providing these panels rectangular recesses of inclined wall, for the insertion of a prefabricated concrete slab and reinforcement profiles. <IMAGE>

IPC 1-7  
**E04B 1/16**; **E04B 2/84**

IPC 8 full level  
**E04B 1/16** (2006.01); **E04B 2/84** (2006.01)

CPC (source: EP)  
**E04B 1/161** (2013.01); **E04B 2/845** (2013.01); **E04B 2/847** (2013.01)

Cited by  
JP2014508237A; RU2726712C1; CN113982120A; WO2012126040A1; EP2686500B1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1065324 A2 20010103**; **EP 1065324 A3 20030604**; ES 1043370 U 19991201; ES 1043370 Y 20000501

DOCDB simple family (application)  
**EP 00500146 A 20000630**; ES 9901720 U 19990630