

Title (en)  
BUILDING ASSEMBLED OF PREFABRICATED PARTS

Publication  
**EP 0070962 B1 19841212 (DE)**

Application  
**EP 82102448 A 19820324**

Priority  
• DE 3130427 A 19810731  
• DE 3200261 A 19820107  
• DE 3200262 A 19820107  
• DE 8200211 U 19820107  
• DE 8200212 U 19820107

Abstract (en)  
[origin: EP0070962A1] 1. An assemblable building comprising prefabricated components, having a supporting frame structure which comprises interconnected shaped members and to which prefabricated wall, ceiling and facade members are secured, wherein : - to form the frame structure (1) for the outside walls and the load-carrying walls (2), vertical posts (3, 4) of C-shaped section and, for the ceiling of the storey, horizontal shaped ceiling bar members (17) of C-shaped section and horizontal upper and lower boom members (8-13) are connected together to form the supporting frame structure ; - prefabricated outside wall members or facade members (18-23) are secured to the flanges (6) of the posts (4), which flanges are at the outside of the wall of the building, and prefabricated wall members (24, 25) are secured to flanges (7) of said posts (4), that are at the inside of the wall of the building, and to the flanges of the posts (3) forming the inner supporting wall, and - a floor rests on the upper flanges (26) of the ceiling bar members (17) and the prefabricated ceiling members (28-31) are secured to the lower flanges (27) of the ceiling bar members (17), characterised in that : - the posts (3, 4) are fitted at their upper and lower ends with their two flanges (6, 7) between the two flanges of the U-section upper boom members and lower boom members that are secured to a base (16), and the flanges of the posts and the upper and lower boom members are secured together, - the ceiling bar members (17) are secured at their ends with the outside surfaces of their web portions to the outside surfaces of their web portions of the posts (4) of two mutually oppositely disposed outside or supporting walls or are secured at their one ends with the outside surfaces of their web portions to the outside surfaces of the web portions of the posts (4) of an outside wall (1) and rest with the other ends at the top side of the upper boom member (13) of an inner supporting wall (2) and are secured thereto.

IPC 1-7  
**E04B 1/18**

IPC 8 full level  
**E04B 1/18** (2006.01); **E04B 1/24** (2006.01); **E04B 1/41** (2006.01); **E06B 1/04** (2006.01)

CPC (source: EP)  
**E04B 1/18** (2013.01); **E04B 1/24** (2013.01); **E04B 1/4107** (2013.01); **E06B 1/04** (2013.01); **E04B 2001/2415** (2013.01); **E04B 2001/2439** (2013.01); **E04B 2001/2448** (2013.01); **E04B 2001/2463** (2013.01); **E04B 2001/2472** (2013.01); **E04B 2001/2481** (2013.01); **E04B 2001/2484** (2013.01); **E04B 2001/249** (2013.01)

Cited by  
EP1621692A1; DE3532846A1; GB2200383A; EP0320359A1; FR2624158A1; WO9848124A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0070962 A1 19830209**; **EP 0070962 B1 19841212**; DE 3261505 D1 19850124

DOCDB simple family (application)  
**EP 82102448 A 19820324**; DE 3261505 T 19820324