

Europäisches Patentamt European Patent Office Office européen des brevets



(11) **EP 0 863 267 A3**

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3: **27.01.1999 Bulletin 1999/04**

(51) Int Cl.6: **E04B 1/348**

(43) Date of publication A2: 09.09.1998 Bulletin 1998/37

(21) Application number: 98301054.7

(22) Date of filing: 13.02.1998

(84) Designated Contracting States:

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: 05.03.1997 JP 50108/97

(71) Applicant: INTERNATIONAL BUSINESS MACHINES CORPORATION Armonk, NY 10504 (US)

(72) Inventors:

- Ota, Toshinori Tanashi-shi, Tokyo (JP)
- Kimura, Nobuhisa Komaki-shi, Aichi-ken (JP)
- (74) Representative: Boyce, Conor IBM United Kingdom Limited, Intellectual Property Law, Hursley Park Winchester, Hampshire SO21 2JN (GB)

(54) House unit, and contruction of house unit frame

(57) Provided is a house unit (200) that can be easily disassembled and easily reerected as a different construction, and that can provide adequate security for the original construction and for the reerected construction.

According to the present invention, as the side faces of a rectangular parallelepiped frame construction (111) can be selectively bonded to another frame construction (113) or external wall panels (145,155,161, 168), expansion or rebuilding can be facilitated. Since the external wall panels (141,143,145,155,161,163, 165,167,169) can be easily removed without damaging the essential components of the construction of the frame (111,113) or of the external wall panels (141,143, 145,155,161,163,165,167,169), the removed external wall panels can be used again. In addition, since the external wall panels (141,143,145,155,161,163,165, 167,169) can be removed only from inside the frame construction (111,113), the house unit (100) assembly can provide a high level of security.

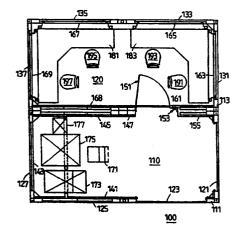


Fig. 1



EUROPEAN SEARCH REPORT

Application Number EP 98 30 1054

Category	Citation of document with indication, of relevant passages	where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Ci.6)	
Α	WO 96 11307 A (F.A.E.INDU PREFABBRICATI S.P.A.) 18 * abstract * * page 7, line 1 - page 8 13-18 *	April 1996	1,3,6	E04B1/348	
A	GB 2 282 395 A (OPTIMA BUINTERNATIONAL LIMITED) 5 * abstract * * page 6, line 24 - page figures 4-7 *	April 1995	1,3,6		
				TECHNICAL FIELDS SEARCHED (Int.Cl.6)	
	The present search report has been draw	vn up for all claims			
Place of search		Date of completion of the search			
	THE HAGUE	3 December 1998	Cla	sing, M	
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background		E : earlier patent do after the filing da D : document cited i L : document cited f	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons		