

**Europäisches Patentamt** 

**European Patent Office** 

Office européen des brevets



(11) **EP 0 775 801 A3** 

## (12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 10.09.1997 Bulletin 1997/37

(51) Int. CI.6: **E06C 1/393**, E06C 1/20

(43) Date of publication A2: 28.05.1997 Bulletin 1997/22

(21) Application number: 97200450.1

(22) Date of filing: 13.02.1997

(84) Designated Contracting States:

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

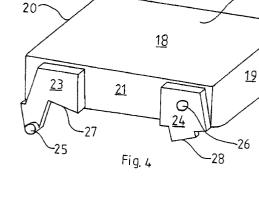
(71) Applicant: DSM N.V. 6411 TE Heerlen (NL)

(72) Inventors:

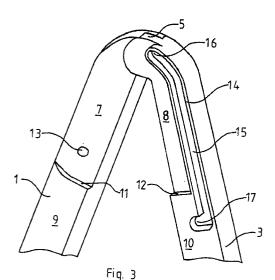
- van Berne, Joost 4817 XH Breda (NL)
- Mangini, Vitaliano 60038 S. Paolo Dijesi (IT)

## (54) Folding structure

(57) Folding structure comprising at least two supporting elements that are connected to one another by means of a hinge joint allowing movement between a folded position and a folded-out position, which supporting elements each comprise two parallel lateral supports (1, 3) that are connected to one another by at least one transverse support (2, 4) and also a plateau (6), which is rotably connected to each pair of lateral supports with the aid of means of rotation (13, 26 and 15, 25) and which, in the folded-out position, constitutes a horizontal bearing surface between the lateral supports, the plateau resting directly on the lateral supports in the folded-out position.



22





## **EUROPEAN SEARCH REPORT**

Application Number EP 97 20 0450

DOCUMENTS CONSIDERED TO BE RELEVANT					
Category	Citation of document with in of relevant pas		riate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US 1 517 676 A (HAUC * page 1, line 26 - * page 1, line 56 - * figures 1,2 *	GH) page 1, line page 1, line	37 * 82 *	1,2	E06C1/393 E06C1/20
X	US 1 537 221 A (BUG * page 1, line 38 - * figures 1,2 *	ENHAGEN) page 1, line	57 *	1,2	
					TECHNICAL FIELDS SEARCHED (Int.CI.6) E06C
	The present search report has b	een drawn up for all c	laims		
	Place of search		etion of the search		Examiner
	THE HAGUE	15 Jul	y 1997	He	ndrickx, X
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 O: non-written disclosure P: intermediate document		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  &: member of the same patent family, corresponding document			