

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets

(11) Publication number:

0 278 782
A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 88301201.5

(51) Int. Cl.⁵: **B65D 88/12**

(22) Date of filing: 12.02.88

(30) Priority: 13.02.87 GB 8703395

(43) Date of publication of application:
17.08.88 Bulletin 88/33(84) Designated Contracting States:
BE DE FR IT NL SE(88) Date of deferred publication of the search report:
02.05.90 Bulletin 90/18

(71) Applicant: **THE SECRETARY OF STATE FOR
DEFENCE IN HER MAJESTY'S GOVERNMENT
OF THE UNITED KINGDOM OF GREAT
BRITAIN AND
NORTHERN IRELAND** Whitehall
London SW1A 2HB(GB)

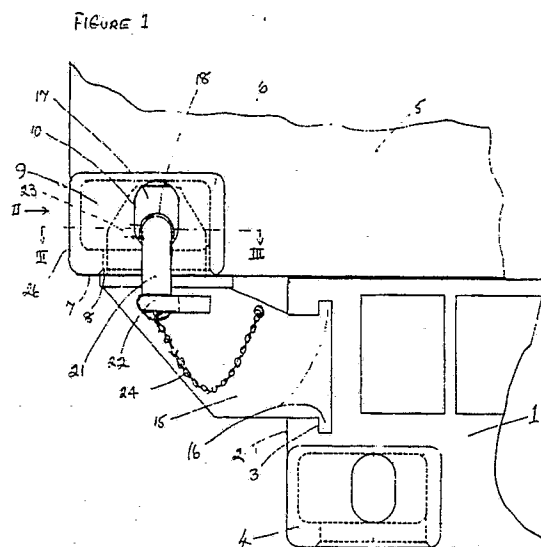
(72) Inventor: **White, Dennis John**
8 Freeborn Way
Bracknell Berks, RG12 2RS(GB)

(74) Representative: **Beckham, Robert William et al**
Procurement Executive Ministry of Defence
Patents 1A(4), Room 2014
Empress State Building Lillie Road London
SW6 1TR(GB)

(54) **Rear-end connector for freight container transference rack.**

(57) A rear end connector is provided for connecting the standard rear bottom corner fittings on an ISO container to the rear end of a load transference flatrack (1). The connector consists of a hook-shaped extension member (15) demountably attached to the rear of the flatrack (1), having an upstanding spigot (17) locatable in the bottom corner fitting (6) of the container (5). The spigot is provided with a transverse keyhole (18) which aligns with a lashing aperture (10) in the corner fitting so as to permit insertion of a restraining key (20).

Use of the rear end connector permits the addition of an upstanding "A" frame at the front end of the flatrack for self-loading of ISO containers. The "A" frame displaces the loaded container rearwards on the flatrack so that the container's rear corner fittings are out of phase with the standard corner fittings on the rear end of the flatrack.



EP 0 278 782 A3



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
D,Y	GB-A-2 112 356 (T.T. BOUGHTON AND SONS) * page 2, line 89 - page 3, line 39; figures 1-3 * ---	1	B 65 D 88/12 B 60 P 7/13
Y	DE-B-1 202 222 (NATIONAL CASTINGS COMPANY) * claims 1,2; column 5, line 56 - column 6, line 13; figures 14,15 *	1	
A	---	2-4	
A	US-A-3 331 333 (COULSON) * column 3, line 37 - column 4, line 7; figures 1-7 * ---	1,2,4	
A	EP-A-0 208 624 (BENNES MARREL) * claim 1; figures 1-6 * ---	1	
A	US-A-3 517 621 (Mc CLASKEY) * column 1, line 62 - column 3, line 9; figures 1-7 * -----	1,5	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 60 P B 65 D
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 28-12-1989	Examiner SIMON J J P
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			