

EUROPEAN PATENT APPLICATION

Application number: **88120974.6**

Int. Cl.4: **B65D 19/12**

Date of filing: **15.12.88**

Priority: **23.12.87 IT 2320187**

Date of publication of application:
28.06.89 Bulletin 89/26

Designated Contracting States:
BE DE ES FR GB IT

Date of deferred publication of the search report:
10.01.90 Bulletin 90/02

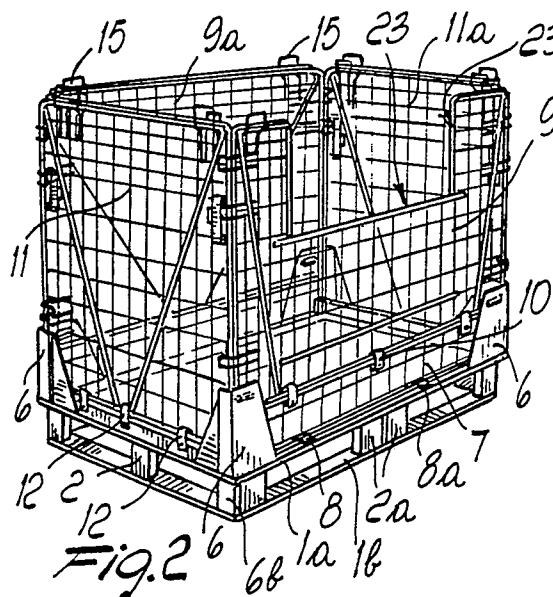
Applicant: **I.M.PAS S.r.l.**
Viale Europa 6
I-25040 Monticelli Brusati (Brescia)(IT)

Inventor: **Brangi, Giuseppe**
Via Vivaldi 14
I-25100 Brescia(IT)

Representative: **Modiano, Guido et al**
MODIANO, JOSIF, PISANTY & STAUB
Modiano & Associati Via Meravigli, 16
I-20123 Milano(IT)

Collapsible palletizing container.

The container has a metallic base frame (1) which can be raised by means of fork-lift trucks. A bottom grid (4) rests on tubular elements and is fixed to the structure by means of clamps or U-bolts (5). Walls (9,9a,11,11a) made of a metal grid are pivoted to the sides of said frame; the longer or front ones (9,9a) are pivoted at a higher level than the head or lateral ones (11,11a) so that they can collapse until they stack on top of one another in a pack on said bottom. Hook elements (19) are furthermore provided along the vertical sides of the larger walls and are directed towards the inside of the container to constitute abutment and retention means for the sides of the head walls. A clamp device (20), mounted on the horizontal rods of the head walls, locks the outer vertical rod of each head wall within the hook (19) of the abutment means. An outwardly curved fork element (15) at the top of the larger walls retains the base frame when the containers are stacked; at the top of the head walls there is at least one pair of opposite fork elements (16), the innermost whereof accommodates within a slot correspondingly provided in the base of the frame of the superimposed container to inwardly retain said container.





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)		
Y	FR-A-2 202 010 (TECHNIFIL) * Page 2, lines 5-10; figure 2 * ---	1,2	B 65 D 19/12		
Y	GB-A-2 017 637 (CAMPISUSA S.P.A.) * Page 1, lines 35-43; figure 2 * ---	1			
A	FR-A-2 450 331 (ATELIERS REUNIS S.A.) * Figure 1 * ---	1,2			
A	CA-A-1 226 825 (CARI-ALL INC.) * Page 7, lines 25-27; figure 1c; page 8, lines 1-3; figure 3 * ---	1			
A	US-A-3 979 006 (JURASEK) * Column 2, lines 32-39; figure 1 * ---	3			
A	FR-A-2 076 241 (VINS DE LA CRAFFE) * Page 3, lines 9-12; figure 2 * ---	4			
A,P	EP-A-0 280 635 (BRAMBLES HOLDING LTD) * Column 6, lines 39-64; figures 7,8 * -----	5	TECHNICAL FIELDS SEARCHED (Int. Cl.4)		
The present search report has been drawn up for all claims			B 65 D 19/12 B 65 D 19/08 B 65 D 19/10		
Place of search THE HAGUE		Date of completion of the search 28-09-1989	Examiner ANDEREGG P-Y.F.		
<table><tr><td>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</td><td>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</td></tr></table>				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
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				