

EUROPEAN PATENT APPLICATION

Application number: 88307422.1

Int. Cl.4: **B65D 21/02**

Date of filing: 11.08.88

Priority: 17.08.87 IL 83575

Applicant: **Levy, Uri**
9 Harakefet Street
Holon 58204(IL)

Date of publication of application:
22.02.89 Bulletin 89/08

Inventor: **Levy, Uri**
9 Harakefet Street
Holon 58204(IL)

Designated Contracting States:
DE ES FR GB IT SE

Date of deferred publication of the search report:
20.12.89 Bulletin 89/51

Representative: **King, James Bertram**
Herbert J.W. Wildbore 73 Farringdon Road
London EC1M 3JB(GB)

Grates for piling in an interlocked manner.

An open top crate (A) for palletizing in a bonded brick-stacking has a rectangular bottom (E), two long side walls (B) and two short side walls (C), an upper rim (F) extending around the open top and a lower rim (I) extending around the bottom of the crate, the rims being configured to become received one within the other when the crates are in an overlapping stacked position. A series of notches (H) is formed in one of the said rims, with a series of lateral projections (J) formed in the other rim.

The distances between the said notches (H) and the distances between the said projections (J), respectively, being such that the crates are adapted to be piled either in an aligned, overlapping relationship, whereby all projections of an overlying crate become received by respective notches of an underlying crate, or in a non-overlapping, brick-stacking relationship, whereby at least one of the projections of two adjacent sides of every overlying crate becomes received by respective notches of two underlying crates, thus interlocking the crates to each other in crossing, perpendicular directions.

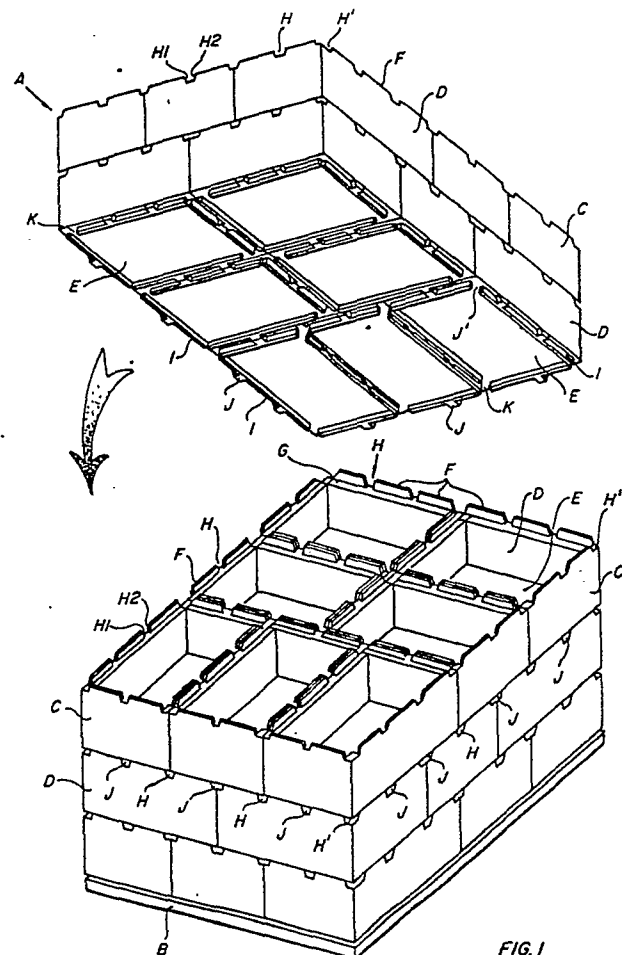


FIG. 1

EP 0 304 224 A3



EP 88307422.1

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 88307422.1
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
X	<u>AU - B - 76 167/74</u> (VISCOUNT PLASTIC PRODUCT PTY. LTD.) * Totality; especially fig. 2,9,10; page 4, lines 19-22 *	1,2,4,6	B 65 D 21/02 B 65 D 6/16
X	<u>FR - A1 - 2 292 631</u> (S.A.TOULPAC) * Totality; especially fig. 1,2,3a-3c,4 *	1,2	
Y	<u>US - A - 3 355 054</u> (WILSON) * Totality; especially fig. 1 *	1,2	
Y	<u>DE - A - 1 486 229</u> (BOX) * Fig. 6,7,8 *	1,2	
D,A	<u>GB - A - 1 409 046</u> (GPG HOLDINGS LIMITED) * Fig. 3,4,5 *	1	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
Y	<u>DE - A1 - 2 814 844</u> (REINDERS JUN.) * Totality; especially fig. 2,3 *	9	B 65 D 1/00 B 65 D 6/00 B 65 D 21/00
A		5,6,7	
Y	<u>US - A - 3 254 786</u> (MELVILLE) * Totality; especially fig. 8A; column 2, lines 62-70 *	9	
D,A	<u>US - A - 4 491 231</u> (HEGGE LAND et al.) * Totality *	9	
D,A	<u>US - A - 3 568 879</u>	1	
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 20-09-1989	Examiner CZUBA
CATEGORY OF CITED DOCUMENTS		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	
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			



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)
	(BOX) * Fig. 3 * -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
The present search report has been drawn up for all claims			
Place of search VIENNA	Date of completion of the search 20-09-1989	Examiner CZUBA	
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> <p>& : member of the same patent family, corresponding document</p>			