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(54) **MODULAR CONTAINER WITH LID**

(57) The present invention relates to a modular container (10) that can be erected starting from a single punched element, comprising a bottom panel (1) of a quadrangular shape from whose sides respectively develop a front panel (2), a rear panel (3), a first lateral panel (5) and a second lateral panel (6), wherein the front panel (2) has a front edge (22) from which an extension element (21) protrudes. The modular container (10) comprises a lid panel (4) comprising a transversal band (9) in extension from one side of the lid panel (4). A first tab (14) is formed by means of notch, in correspondence with an edge portion of the front panel (2) and is configured to be rotatable about an axis substantially coinciding with the front edge (22). The lid panel (4) comprises a first lateral band (7) and a second lateral band (8) of trapezoidal shape which extend from opposite sides of the lid panel (4); said first and second lateral bands (7, 8) have respectively a first end flap (71) and a second end flap (81) which are apt to engage respective central portions (51, 61) of the first and second lateral panels (5, 6) in an assembled and closed configuration of the container (10).

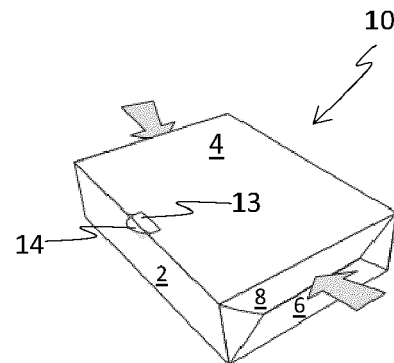


Fig.4d



EUROPEAN SEARCH REPORT

Application Number

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DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	FR 1 458 683 A (BAUDET PERE ET FILS) 4 March 1966 (1966-03-04) * page 1, column 2, paragraph 4; figures 1-4 *	1-13	INV. B65D5/20 B65D5/54 B65D5/66 B65D21/02
A	US 2017/197750 A1 (WOLF KURT [US] ET AL) 13 July 2017 (2017-07-13) * paragraphs [0055] - [0066], [0088] - [0091], [0114] - [0115]; figures 7-11, 18, 20-21 *	1-13	
A	KR 2010 0002803 U (.) 10 March 2010 (2010-03-10) * figures 1-9 *	1-13	
A	US 5 000 374 A (DEIGER ANTHONY J [US]) 19 March 1991 (1991-03-19) * column 6, line 28 - column 7, line 58; figures 4-6 *	1-13	
			TECHNICAL FIELDS SEARCHED (IPC)
			B65D
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
Munich		17 May 2024	Leijten, René
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	
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		& : member of the same patent family, corresponding document	

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ON EUROPEAN PATENT APPLICATION NO.**

EP 24 15 0563

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17-05-2024

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
FR 1458683 A	04-03-1966	NONE	

US 2017197750 A1	13-07-2017	CA 3010441 A1	13-07-2017
		CN 108883853 A	23-11-2018
		EP 3400175 A1	14-11-2018
		JP 2019505444 A	28-02-2019
		TW 201730054 A	01-09-2017
		US 2017197750 A1	13-07-2017
		WO 2017120282 A1	13-07-2017

KR 20100002803 U	10-03-2010	NONE	

US 5000374 A	19-03-1991	NONE	

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