### (11) **EP 3 670 374 A3**

(12)

### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 12.08.2020 Bulletin 2020/33

(51) Int Cl.: **B65D** 19/32 (2006.01)

B65D 59/02 (2006.01)

(43) Date of publication A2: **24.06.2020 Bulletin 2020/26** 

(21) Application number: 19218823.3

(22) Date of filing: 20.12.2019

(84) Designated Contracting States:

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated Extension States:

**BA ME** 

Designated Validation States:

KH MA MD TN

(30) Priority: 21.12.2018 ES 201831978 U

(71) Applicant: Ribawood, S.A. 50830 Villanueva de Gáliego, Zaragoza (ES)

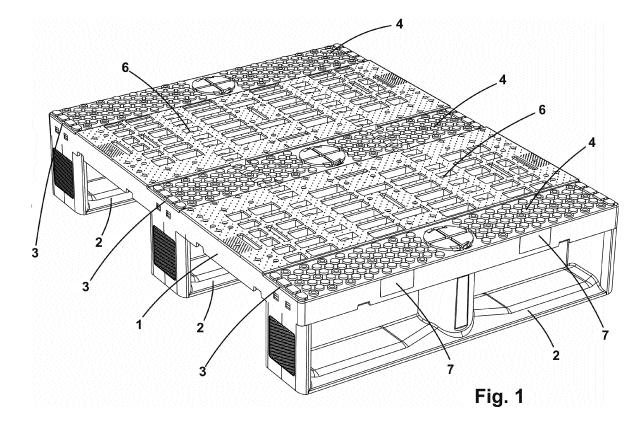
(72) Inventor: Rivera Ballarín, Carlos 50830 Villanueva de Gállego Zaragoza (ES)

(74) Representative: Schäfer, Matthias W. Patentanwalt
Schwanseestrasse 43
81549 München (DE)

### (54) **NESTABLE PLASTIC PALLET**

(57) Nestable plastic pallet, formed by a load platform (1) and a plurality of removable runners (2), interconnected by means of corresponding legs, wherein the upper face of the load platform comprises several zones (3) of an essentially rectangular configuration, coinciding in

number and position with the runners, endowed with a plurality of projections (4) of a shape, number and distribution coinciding with a plurality of cavities (5) located on the lower face of the runners, forming a tongue and groove joint.





### **EUROPEAN SEARCH REPORT**

Application Number EP 19 21 8823

5

		DOCUMENTS CONSID	ERED TO BE RELEVANT		
	Category	Citation of document with in of relevant pass	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
10	Υ	[DE]) 11 August 201	<ul><li>paragraph [0042];</li></ul>	1-10	INV. B65D19/32 ADD. B65D59/02
15	Y	ET AL) 20 October 2	UITER RIAN JOSEPH [US] 2015 (2015-10-20) 3 - column 5, line 32;	1-10	2002037,02
20	Y	WO 98/03408 A1 (VIC PTY [AU]; SMORGON V 29 January 1998 (19 * page 2, line 22 - * figures 1-3 *	998-01-29)	1-10	
25	Y	ES 1 071 497 U (FEF [ES]) 5 March 2010 * figures 1-10 *	RNANDEZ GUTIERREZ ANTON (2010-03-05)	1-10	
20	Y	JP 2002 002692 A (S 9 January 2002 (200 * figures 1-7 *		3-5	TECHNICAL FIELDS SEARCHED (IPC)
30	Y A		SCHOELLER ARCA SYSTEMS IN JOCHEN [DE] ET AL.) D13-10-31) res 1-4 *	10 11	
35	X,P	WO 2019/036422 A1 ( [AU]; WOOD MATTHEW 21 February 2019 (2 * paragraphs [0032] [0057]; figures 1-5	2019-02-21)  , [0049], [0056],	1	
40			-/		
45		The present search report has	been drawn un for all claims		
2		Place of search	Date of completion of the search	<u> </u>	Examiner
4C01)		Munich	30 June 2020	Fit	terer, Johann
09 PPO FORM 1503 03.82 (P04C01)	X : parl Y : parl door A : tech O : nor	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with anot ument of the same category inclogical background written disclosure rmediate document	L : document cited fo	ument, but publise the application rother reasons	shed on, or

55

page 1 of 2



### **EUROPEAN SEARCH REPORT**

Application Number EP 19 21 8823

5

			ERED TO BE RELEVANT		1
	Category	Citation of document with in of relevant passa	ndication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
10	Υ	[ES]) 3 August 2016	RTHPALET FABRICA S L (2016-08-03) - paragraph [0033] *	7-9	
15	Υ	AL) 9 February 1999	ER CRAIG STEVEN [US] ET (1999-02-09) - column 5, line 25;	7-9	
20	Υ	US 4 735 154 A (HEM 5 April 1988 (1988- * column 2, line 33 figure 1 *		7-9	
25	Υ	FR 2 928 350 A1 (LE ANDRE [FR]) 11 Sept * page 3, line 37 - * figures 1-10 *	ember 2009 (2009-09-11)	9	
					TECHNICAL FIELDS SEARCHED (IPC)
30					
35					
40					
45					
2		The present search report has be Place of search	Date of completion of the search		Examiner
(P04C01)		Munich	30 June 2020	Fit	terer, Johann
50 S 80 80 80 80 PO F O PO P	X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS icularly relevant if taken alone icularly relevant if combined with another and the same category inclogical background -written disclosure rmediate document	L : document cited fo	underlying the ir ument, but publise the application r other reasons	nvention shed on, or

55

page 2 of 2



5

Application Number

EP 19 21 8823

	CLAIMS INCURRING FEES						
	The present European patent application comprised at the time of filing claims for which payment was due.						
10	Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):						
15	No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.						
20							
	LACK OF UNITY OF INVENTION						
	The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:						
25							
	see sheet B						
30							
	X All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.						
35	As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.						
40	Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:						
45	None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention						
	first mentioned in the claims, namely claims:						
50							
55	The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).						



55

# LACK OF UNITY OF INVENTION SHEET B

**Application Number** 

EP 19 21 8823

5 The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely: 1. claims: 1-6, 10, 11 10 Nestable plastic pallet comprising a load platform having zones with projections and runners having cavities, the pallet being defined by specific features of said zones. 15 2. claims: 7-9 Nestable plastic pallet comprising a load platform having zones with projections and runners having cavities, the pallet being defined by reinforcement elements inserted in 20 cavities closed off by end-pieces. 25 30 35 40 45 50

### EP 3 670 374 A3

## ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 19 21 8823

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-06-2020

	Patent document ed in search report		Publication date	Patent family member(s)	Publication date
EP	2216255	A1	11-08-2010	AT 521544 T DE 102009008277 A1 DK 2216255 T3 EP 2216255 A1 ES 2369411 T3 PL 2216255 T3	15-09-2011 12-08-2010 21-11-2011 11-08-2010 30-11-2011 31-01-2012
US	9162797	B1	20-10-2015	US 9162797 B1 US 2016167831 A1	20-10-2015 16-06-2016
WO	9803408	A1	29-01-1998	CA 2261212 A1 EP 0929452 A1 IL 128169 A JP 3714966 B2 JP 2000514761 A NZ 334222 A US 6164214 A WO 9803408 A1	29-01-1998 21-07-1999 10-02-2002 09-11-2005 07-11-2000 30-03-2001 26-12-2000 29-01-1998
ES	1071497	U	05-03-2010	NONE	
JP	2002002692	Α	09-01-2002	NONE	
WO	2013159796	A1	31-10-2013	BR 112014026155 A2 EP 2825472 A1 MA 37514 A1 MX 347036 B TN 2014000426 A1 WO 2013159796 A1 ZA 201408648 B	18-07-2017 21-01-2015 30-09-2016 10-04-2017 30-03-2016 31-10-2013 31-08-2016
WO	2019036422	A1	21-02-2019	AU 2018317375 A1 AU 2018317384 A1 CA 3072582 A1 CA 3072588 A1 CN 110997509 A CN 111031852 A CO 2020001503 A2 CO 2020001508 A2 EA 202090299 A1 EA 202090299 A1 EP 3668348 A1 EP 3668798 A1 SG 11202001167P A SG 11202001263W A US 2019055055 A1	20-02-2020 20-02-2020 21-02-2019 21-02-2019 10-04-2020 17-04-2020 28-02-2020 28-02-2020 14-05-2020 27-05-2020 24-06-2020 24-06-2020 30-03-2020 21-02-2019

© For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

page 1 of 2

### EP 3 670 374 A3

### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 19 21 8823

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

30-06-2020

	Patent document ted in search report		Publication date		Patent family member(s)		Publication date
				US US WO WO	2019055057 2020079550 2019036422 2019036431	A1 A1	21-02-20 12-03-20 21-02-20 21-02-20
EF	3050816	A1	03-08-2016	EP ES	3050816 2657300		03-08-20 02-03-20
US	5868080	Α	09-02-1999	NONE			
US	4735154	A	05-04-1988	AT CA DE EP ES FR US	44268 1285502 3664128 0226505 2009129 2590870 4735154	C D1 A1 B3 A1	15-07-19 02-07-19 03-08-19 24-06-19 01-09-19 05-06-19 05-04-19
FR	2928350	A1	11-09-2009	NONE			

page 2 of 2