

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/082306

A. CLASSIFICATION OF SUBJECT MATTER**B65G 47/71**(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B65G; B67B; B67C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	FR 2993870 A1 (SIDEL PARTICIPATIONS [FR]) 31 January 2014 (2014-01-31) page 4, lines 5-10; figures 1a,1b page 10, lines 27-31 page 15, line 31 - page 16, line 2 page 2, lines 21-30	1-4,7,8,10-12,14 5,6,9,13
A	US 5538054 A (LUEHMANN PETER [DE] ET AL) 23 July 1996 (1996-07-23) claim 1; figure 1	1-14
A	US 2014332344 A1 (JODOIN ROBERT [CA] ET AL) 13 November 2014 (2014-11-13) claim 1; figure 1	1-14
X,P A,P	EP 3501676 A1 (KRONES AG [DE]) 26 June 2019 (2019-06-26) figure 1	1-5,7,8,10-12 6,9,13,14

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

“A” document defining the general state of the art which is not considered to be of particular relevance

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“P” document published prior to the international filing date but later than the priority date claimed

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“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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“&” document member of the same patent family

Date of the actual completion of the international search

10 March 2020

Date of mailing of the international search report

19 March 2020

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/EP2019/082306

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
FR	2993870	A1	31 January 2014	FR	2993870	A1	31 January 2014
				FR	2993871	A1	31 January 2014
US	5538054	A	23 July 1996	DE	4306120	C1	28 July 1994
				DE	4343750	A1	01 September 1994
				EP	0613855	A1	07 September 1994
				JP	H07125705	A	16 May 1995
				US	5538054	A	23 July 1996
US	2014332344	A1	13 November 2014	NONE			
EP	3501676	A1	26 June 2019	CN	110000175	A	12 July 2019
				DE	202017107882	U1	25 March 2019
				EP	3501676	A1	26 June 2019