



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 16 82 85 12

Classification of the application (IPC):

B65B 11/04, B65B 19/34, B65B 35/50, G07D 9/06, G07D 9/00, B65B 11/00

Technical fields searched (IPC):

G07D, B65B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 3908338 A (USHIO MASATOSHI) 30 September 1975 (1975-09-30) * column 2, line 35 - column 4, line 31 * * figures 2,5,6 *	1-15
X	EP 1043701 A1 (LAUREL BANK MACHINE CO [JP]) 11 October 2000 (2000-10-11) * paragraph [0027] - paragraph [0036] * * figure 1 *	1-15
A	US 3740923 A (ITODA M ET AL) 26 June 1973 (1973-06-26) * column 2, line 13 - line 23 * * figures 1-4 *	1-15
A	US 4869029 A (TAKATANI ICHIRO [JP] ET AL) 26 September 1989 (1989-09-26) * column 9, line 30 - column 10, line 9 * * figures 7,8,12,14 *	1-15
A	US 3851755 A (HULL G ET AL) 03 December 1974 (1974-12-03) * column 5, line 38 - column 7, line 22 * * figures 3-6 *	1-15
A	JP H0630869 U (ASAHI SEIKO CO., LTD) 22 April 1994 (1994-04-22) * paragraph [0006] - paragraph [0007] * * figure 6 *	1-15

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 23 January 2019	Examiner Seifi, Mozhdteh
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CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 23-01-2019
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 3908338	A	30-09-1975	DE 2401988 A1	25-07-1974
			FR 2213875 A1	09-08-1974
			GB 1454661 A	03-11-1976
			JP S4995783 A	11-09-1974
			JP S5535308 B2	12-09-1980
			US 3908338 A	30-09-1975
EP 1043701	A1	11-10-2000	CN 1270126 A	18-10-2000
			EP 1043701 A1	11-10-2000
			HK 1030197 A1	11-03-2005
			JP 3563292 B2	08-09-2004
			JP 2000289705 A	17-10-2000
			KR 20000071590 A	25-11-2000
			TW 464628 B	21-11-2001
			US 6519921 B1	18-02-2003
US 3740923	A	26-06-1973	DE 2132642 A1	13-01-1972
			GB 1289077 A	13-09-1972
			US 3740923 A	26-06-1973
US 4869029	A	26-09-1989	CA 1275622 C	30-10-1990
			DE 3785326 D1	13-05-1993
			DE 3785326 T2	04-11-1993
			DE 3789314 D1	14-04-1994
			DE 3789314 T2	09-06-1994
			EP 0273746 A2	06-07-1988
			EP 0357156 A2	07-03-1990
			JP H085452 B2	24-01-1996
			JP S63162415 A	06-07-1988
			US 4869029 A	26-09-1989
			US 5011457 A	30-04-1991
US 3851755	A	03-12-1974	NONE	
JP H0630869	U	22-04-1994	NONE	