



# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 20 96 39 72

**Classification of the application (IPC):**  
B21D 26/021, B21D 33/00, B21D 22/20

**Technical fields searched (IPC):**  
B21D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	CN 102896195 A (HUANG QIRUI) 30 January 2013 (2013-01-30) * abstract; figures *	1-15
X	GB 2131334 A (METAL BOX PLC) 20 June 1984 (1984-06-20) * figures *	1-15
X	JP S554818 U (N.N.) 12 January 1980 (1980-01-12) * paragraph [0002]; figures 3-6 *	1-15
X	CN 107745029 A (SHANGHAI AEROSPACE EQUIPMENT MFG GENERAL FACTORY) 02 March 2018 (2018-03-02) * abstract; figures *	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	Date of completion of the search	Examiner
The Hague	30 November 2023	Knecht, Frank

## CATEGORY OF CITED DOCUMENTS

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  
 & : member of the same patent family, corresponding document

P: intermediate document  
 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



## 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 30-11-2023. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
CN 102896195	A	30-01-2013	NONE		
GB 2131334	A	20-06-1984	DE	3342434 A1	07-06-1984
			GB	2131334 A	20-06-1984
			IT	1167284 B	13-05-1987
			ZW	26283 A1	30-05-1984
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			JP	S6019773 Y2	14-06-1985
CN 107745029	A	02-03-2018	NONE		