

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/064540

**A. CLASSIFICATION OF SUBJECT MATTER**

**B26D 3/30**(2006.01)i; **B26D 7/06**(2006.01)i; **B26D 1/553**(2006.01)i; **B26D 1/58**(2006.01)i; **A23N 5/00**(2006.01)i;  
**B26D 1/45**(2006.01)i; **B26D 7/08**(2006.01)i; **B26D 1/00**(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)

B26D; A23N

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, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2015150260 A1 (A O SCHALLINOX GMBH [CH]) 08 October 2015 (2015-10-08) page 12, line 1 - page 13, line 20; figure 1	1-15
A	DE 202006003637 U1 (DIETER PAHL MASCHB GMBH [DE]) 29 June 2006 (2006-06-29) paragraph [0012] - paragraph [0020]; figure 1	1
A	CN 106393192 A (HARBIN HUAXIA INTELLECTUAL PROPERTY AGENCY CO LTD) 15 February 2017 (2017-02-15) abstract; figures 1-3	1

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  
 “E” earlier application or patent but published on or after the international filing date  
 “L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)  
 “O” document referring to an oral disclosure, use, exhibition or other means  
 “P” document published prior to the international filing date but later than the priority date claimed

“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

“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

“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

“&” document member of the same patent family

Date of the actual completion of the international search

**13 August 2018**

Date of mailing of the international search report

**11 September 2018**

Name and mailing address of the ISA/EP

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**INTERNATIONAL SEARCH REPORT**  
**Information on patent family members**

International application No.

**PCT/EP2018/064540**

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
WO	2015150260	A1	08 October 2015	AU	2015239702	A1	29 September 2016
				CA	2942195	A1	08 October 2015
				CN	106132645	A	16 November 2016
				EP	2926963	A1	07 October 2015
				EP	3126108	A1	08 February 2017
				JP	2017511258	A	20 April 2017
				US	2017015015	A1	19 January 2017
				WO	2015150260	A1	08 October 2015
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DE	202006003637	U1	29 June 2006	NONE			
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CN	106393192	A	15 February 2017	NONE			
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