

INTERNATIONAL SEARCH REPORT

International application No.
PCT/ES2017/070066

A. CLASSIFICATION OF SUBJECT MATTER

See extra sheet

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)

B27L, B44C, B27D, B32B

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)

EPODOC, INVENES

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2062590 A (LUNDQUIST ROY W) 01/12/1936, page 1, figures.	1, 2
A	US 4388133 A (HIRAO SHOZO ET AL.) 14/06/1983, column 4, figure 2.	1, 2
A	EP 0374186 A1 (RASMUSSEN GEORG) 27/06/1990, abstract, figures.	1, 2
A	EP 1275481 A2 (SENZANI GIOVANNA) 15/01/2003, columns 3 to 5, figures 10 and 11.	1, 2

Further documents are listed in the continuation of Box C.

See patent family annex.

<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance.</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure use, exhibition, or other means.</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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 documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search
21/03/2017

Date of mailing of the international search report
(28/03/2017)

Name and mailing address of the ISA/

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Information on patent family members

Patent document cited in the search report	Publication date	Patent family member(s)	Publication date
US2062590 A	01.12.1936	NONE	
----- US4388133 A	----- 14.06.1983	----- GB2110595 A GB2110595 B	----- 22.06.1983 04.09.1985
----- EP1275481 A2	----- 15.01.2003	----- ES2357336T T3 AT490067T T US2003012933 A1 US7108763 B2 SG99405 A1 ITMI20011494 A1 CA2392856 A1 CA2392856 C	----- 25.04.2011 15.12.2010 16.01.2003 19.09.2006 27.10.2003 13.01.2003 12.01.2003 05.02.2008
----- EP0374186 A1	----- 27.06.1990	----- US4963212 A NO900932 A JPH03501373 A JP2721221B B2 FI97788B B FI97788C C WO8901856 A1 DK455187 A DK158445B B AU2384188 A AT75992T T	----- 16.10.1990 27.02.1990 28.03.1991 04.03.1998 15.11.1996 25.02.1997 09.03.1989 01.02.1989 21.05.1990 31.03.1989 15.05.1992
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B27L5/00 (2006.01)

B44C5/04 (2006.01)

B27D1/08 (2006.01)

B32B21/140 (2006.01)