

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2018/051569

A. CLASSIFICATION OF SUBJECT MATTER
INV. A43B7/14 A43B17/00
ADD.
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)
A43B
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.
X	EP 0 037 462 A1 (DASWICK ALEXANDER C) 14 October 1981 (1981-10-14) page 3, lines 23-25; claims; figures -----	1-21
X	WO 03/063630 A1 (HUR JUN [KR]) 7 August 2003 (2003-08-07) figures 1,2a -----	1-21
X	WO 99/32004 A1 (HA MU EON [KR]) 1 July 1999 (1999-07-01) figures 2,3 -----	1-21
X	WO 2012/046342 A1 (YAMANASHI KEN-ICHI [JP]) 12 April 2012 (2012-04-12) paragraph [0029] - paragraph [0032]; figures ----- -/--	1-21

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	"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
"E" earlier application or patent but published on or after the international filing date	"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
"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)	"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
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 29 March 2018	Date of mailing of the international search report 09/04/2018
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Chirvase, Lucian
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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X	WO 2014/101883 A1 (DONGGUAN LANHUI COMMODITY TECHNOLOGY CO LTD [CN]) 3 July 2014 (2014-07-03) the whole document -----	1
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Information on patent family members

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