

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 :

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"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

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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	DE 296 16 911 U1 (JUNG EVA [DE]) 5 December 1996 (1996-12-05) the whole document -----	1
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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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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