



## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 86 52 58

### Classification of the application (IPC):

A01K 13/00, A45D 1/00, A45D 1/04, A45D 2/00, A45D 20/12, A45D 20/52,  
A46B 9/10, A46B 13/00, A46B 15/00

### Technical fields searched (IPC):

A45D, A46B

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	US 2008041406 A1 (LE NGOC H [US]) 21 February 2008 (2008-02-21)	1-4, 9, 10
Y	* abstract * * paragraph [0016] * * claim 4 * * figures 1A, 2A, 3, 4 *	6-8
Y	CN 102326941 B (SEB COMPANY) 30 March 2016 (2016-03-30) * the whole document *	6
Y	US 3962742 A (VENDUR JOHN) 15 June 1976 (1976-06-15) * figures 1-4 *	7, 8
X	US 2014311510 A1 (PUTZER ARTHUR [AT]) 23 October 2014 (2014-10-23) * paragraph [0055] - paragraph [0062] * * figures 1-3 *	1-5, 9, 10
X	DE 3223560 A1 (RUEB FRITZ) 29 December 1983 (1983-12-29) * the whole document *	1, 9, 10

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 The Hague	Date of completion of the search 31 August 2024	Examiner Zetzsche, Brigitta
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### CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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## 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 31-08-2024.  
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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CN 102326941	B	30-03-2016	CN 102326941 A 25-01-2012 EP 2392222 A1 07-12-2011 ES 2433438 T3 11-12-2013 FR 2960747 A1 09-12-2011
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US 2014311510	A1	23-10-2014	CN 103391729 A 13-11-2013 EP 2670277 A1 11-12-2013 JP 5872592 B2 01-03-2016 JP 2014504540 A 24-02-2014 RU 2013140580 A 10-03-2015 US 2014311510 A1 23-10-2014 WO 2012104807 A1 09-08-2012
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