

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2018/072726

**A. CLASSIFICATION OF SUBJECT MATTER***C21B 13/00*(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)

C21B

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.
Y	WO 2013027084 A1 (HYL TECHNOLOGIES SA DE CV [MX]; ZENDEJAS-MARTINEZ EUGENIO [MX]) 28 February 2013 (2013-02-28) figures 1-3 page 1, line 6 - line 11 page 5, line 28 - line 34 page 9, line 1 - line 34 page 13, line 4 - line 14	1-15
Y	US 5958107 A (GREENWALT RICHARD B [US]) 28 September 1999 (1999-09-28) figure 2 column 1, line 47 - column 2, line 33 column 3, line 24 - line 35 claims 1-11	1-15

 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

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“&” document member of the same patent family

Date of the actual completion of the international search

02 October 2018

Date of mailing of the international search report

09 October 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/EP2018/072726**

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
WO	2013027084	A1	28 February 2013	CN	104039990	A	10 September 2014
				EP	2744922	A1	25 June 2014
				KR	20140054314	A	08 May 2014
				US	2014260803	A1	18 September 2014
				WO	2013027084	A1	28 February 2013
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US	5958107	A	28 September 1999	NONE			
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