

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ABI-185-B-WO	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2019/065685	International filing date (<i>day/month/year</i>) 14 June 2019 (14-06-2019)	(Earliest) Priority Date (<i>day/month/year</i>) 14 June 2018 (14-06-2018)
Applicant ANHEUSER-BUSCH INBEV S.A.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ This international search report has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43.6**bis**(a)).

c. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No III)

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2, by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. _____
☐ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention
b. ☒ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2019/065685

A. CLASSIFICATION OF SUBJECT MATTER INV. C12C7/04 C12C1/18 C12C12/00 C12C1/16 C12G3/02 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) C12C C12G		
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	DE 39 27 315 A1 (THURN & TAXIS BRAUEREI [DE]) 12 July 1990 (1990-07-12)	1-12,16
A	column 7, line 15 - line 23; claim 1 column 10, line 59 - line 67 column 9, line 10 - line 19 column 1, line 47 - line 56 column 11, line 20 - line 25 -----	13-15
X	US 3 039 876 A (BAKER DWIGHT L ET AL) 19 June 1962 (1962-06-19)	13-15
Y	column 1, line 11 - line 16; claims 1,15; examples column 7, line 34 - line 36 -----	1-12,16
A	EP 0 849 357 A2 (WEISSER HORST UNIV PROF DR ING [DE]; BACK WERNER UNIV PROF DR ING [DE]) 24 June 1998 (1998-06-24) the whole document -----	1-16
-/-		
☒ 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 "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 "&" document member of the same patent family		
Date of the actual completion of the international search 15 July 2019		Date of mailing of the international search report 22/07/2019
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 Diller, Reinhard

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2019/065685

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 842 902 A1 (SAPPORO BREWERIES [JP]) 10 October 2007 (2007-10-10) the whole document	1-16
A	----- GB 2 356 869 A (SCOTT LIONEL [GB]) 6 June 2001 (2001-06-06) the whole document -----	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2019/065685

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 3927315	A1	12-07-1990	NONE
US 3039876	A	19-06-1962	CH 422685 A 31-10-1966 DE 1292613 B 17-04-1969 GB 904989 A 05-09-1962 US 3039876 A 19-06-1962
EP 0849357	A2	24-06-1998	DE 19653347 A1 25-06-1998 EP 0849357 A2 24-06-1998
EP 1842902	A1	10-10-2007	CA 2595546 A1 27-07-2006 CN 101115829 A 30-01-2008 EP 1842902 A1 10-10-2007 JP 4732112 B2 27-07-2011 JP 2006223299 A 31-08-2006 KR 20070101332 A 16-10-2007 US 2009142446 A1 04-06-2009 WO 2006077988 A1 27-07-2006
GB 2356869	A	06-06-2001	AU 1539401 A 12-06-2001 EP 1235898 A1 04-09-2002 GB 2356869 A 06-06-2001 US 2003148012 A1 07-08-2003 WO 0140433 A1 07-06-2001