

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference S2488_BR80629AM	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/EP2018/067139	International filing date (<i>day/month/year</i>) 26 June 2018 (26-06-2018)	(Earliest) Priority Date (<i>day/month/year</i>) 27 June 2017 (27-06-2017)
Applicant L'OREAL		

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/EP2018/067139

A. CLASSIFICATION OF SUBJECT MATTER					
INV.	A61K8/34	A61K8/37	A61Q1/02	A61Q19/00	A61K8/84
	A61K8/89	A61K8/97	A61K8/25	A61K8/31	A61K8/85
	A61K8/92				
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) A61K A61Q

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	WO 2014/128680 A1 (OREAL [FR]) 28 August 2014 (2014-08-28) revendications page 31 - page 36 page 55 - page 58 page 64	1-15
X	WO 2016/030851 A1 (OREAL [FR]) 3 March 2016 (2016-03-03) revendications page 34 - page 37 page 70 page 66 - page 69	1-15
A	JP 2007 197332 A (NOEVIR KK) 9 August 2007 (2007-08-09) revendications	1-15
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Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents :

<p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"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)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>	<p>"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</p> <p>"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</p> <p>"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</p> <p>"&" document member of the same patent family</p>
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Date of the actual completion of the international search 24 August 2018	Date of mailing of the international search report 03/09/2018
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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 Kling, Isabelle
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INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2018/067139

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 1 027 878 A1 (OREAL [FR]) 16 August 2000 (2000-08-16) revendications -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2018/067139

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
WO 2014128680	A1	28-08-2014	BR 112015020859 A2	18-07-2017
			CN 105142598 A	09-12-2015
			EP 2958541 A1	30-12-2015
			FR 3002449 A1	29-08-2014
			JP 2016509052 A	24-03-2016
			KR 20150121211 A	28-10-2015
			US 2016000663 A1	07-01-2016
			WO 2014128680 A1	28-08-2014

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			JP 2007197332 A	09-08-2007

EP 1027878	A1	16-08-2000	BR 0000613 A	02-05-2001
			CA 2298016 A1	05-08-2000
			EP 1027878 A1	16-08-2000
			FR 2789329 A1	11-08-2000
			JP 2000229840 A	22-08-2000
			KR 20000057824 A	25-09-2000
			US 6416768 B1	09-07-2002
