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(54) Title: DETERGENT COMPOSITIONS

(57) Abstract: This invention relates to compositions comprising certain lipase variants and a photobleach and processes for making and using such compositions. Including the use of such compositions to clean and/or treat a situs.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/001595

A. CLASSIFICATION OF SUBJECT MATTER
INV. C11D3/00 C11D3/386 C11D3/395 C12N9/20

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)
C11D C12N

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 practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 833 346 B1 (MORRISON CHRISTOPHER ANDREW [GB] ET AL) 21 December 2004 (2004-12-21) column 27, lines 36-41; examples VA-VF	1-35
X	US 6 593 286 B1 (KENNEY MALCOLM EDWARD [US] ET AL) 15 July 2003 (2003-07-15) claims 1-7; examples 6-3,6-4	1-35
P,X	EP 1 693 440 A (PROCTER & GAMBLE [US]) 23 August 2006 (2006-08-23) examples A-C,E-G	1-29,34,35
A	US 6 939 702 B1 (VIND JESPER [DK] ET AL) 6 September 2005 (2005-09-06) column 1, lines 14-19,35-38; claims 1-21	1-35
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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 document 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.
- *Z* document member of the same patent family

Date of the actual completion of the international search 29 June 2007	Date of mailing of the international search report 06/08/2007
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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, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Klier, Erich
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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/001595

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 462 008 B1 (ORTIZ RAFAEL [US] ET AL) 8 October 2002 (2002-10-08) column 49, lines 30-35; claims 1-8; examples F-20-F-24 -----	1-35
A	WO 99/42566 A (NOVONORDISK AS [DK]; BORCH KIM [DK]; VIND JESPER [DK]; SVENDSEN ALLAN) 26 August 1999 (1999-08-26) claims 1-18 -----	1-35

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US2007/001595

Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
- a. type of material
- a sequence listing
- table(s) related to the sequence listing
- b. format of material
- on paper
- in electronic form
- c. time of filing/furnishing
- contained in the international application as filed
- filed together with the international application in electronic form
- furnished subsequently to this Authority for the purpose of search
2. In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/001595

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6833346	B1	21-12-2004	NONE
US 6593286	B1	15-07-2003	NONE
EP 1693440	A	23-08-2006	AR 052485 A1 21-03-2007 WO 2006090335 A1 31-08-2006 US 2006189501 A1 24-08-2006
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WO 9942566	A	26-08-1999	AU 3247699 A 06-09-1999 EP 1054956 A1 29-11-2000 JP 2003526319 T 09-09-2003