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27 August 2015

(15) Information about Correction:
Previous Correction:
see Notice of 23 April 2015

(54) Title: DETERGENT COMPOSITION COMPRISING PROTEASE VARIANTS

(57) Abstract: The present invention relates to protease variants and methods for obtaining protease variants. The present invention also relates to polynucleotides encoding the variants; nucleic acid constructs, vectors, and host cells comprising the polynucleotides; and methods of using the variants.
A. CLASSIFICATION OF SUBJECT MATTER
INV. C12N9/54 C11D3/386
ADD.

According to International Patent Classification (IPC) onto both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C12N C11D

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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<tbody>
<tr>
<td>X</td>
<td>wo 2004/067737 A2 (NOV0ZYMES AS [DK]; SVENDSEN ALLAN [DK]; DRABORG HENRIETTE [DK] NOV0ZYM) 12 August 2004 (2004-08-12) whole doc, in particular claims 15, 19, 25, 35 and 46 and seq id no. 1.</td>
<td>1-6,8-21</td>
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<td>A</td>
<td>wo 2004/083362 A2 (NOV0ZYMES AS [DK]; SVENDSEN ALLAN [DK]; MINNING STEFAN [DK]) 30 September 2004 (2004-09-30) whole doc, in particular p. 17, line 19 and claim 5</td>
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<td>X</td>
<td>US 5 482 849 A (BRANNER SVEN [DK] ET AL) 9 January 1996 (1996-01-09) whole doc, in particular claims 1, 8 and 9</td>
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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.

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"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.

"S" document member of the same patent family.

Date of the actual completion of the international search: 9 July 2015
Date of mailing of the international search report: 16/07/2015

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Authorized officer
Ludemann, Susanna
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. □ Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. □ Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. □ Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. □ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. □ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. □ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. □ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

   I-21 (partially)

**Remark on Protest**

- □ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- □ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- □ No protest accompanied the payment of additional search fees.
This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: l-21 (partially)

   A protease variant, the protease variant comprising a substitution at one or more positions corresponding to position 171 of SEQ ID NO: 3, wherein the variant has a sequence identity to SEQ ID NO: 3 of at least 75% and less than 100%, and the variant has protease activity and uses and methods based thereon.

2. claims: l-21 (partially)

   A protease variant, the protease variant comprising a substitution at one or more positions corresponding to position 173 of SEQ ID NO: 3, wherein the variant has a sequence identity to SEQ ID NO: 3 of at least 75% and less than 100%, and the variant has protease activity and uses and methods based thereon.

3. claims: l-21 (partially)

   A protease variant, the protease variant comprising a substitution at one or more positions corresponding to position 175 of SEQ ID NO: 3, wherein the variant has a sequence identity to SEQ ID NO: 3 of at least 75% and less than 100%, and the variant has protease activity and uses and methods based thereon.

4. claims: l-21 (partially)

   A protease variant, the protease variant comprising a substitution at one or more positions corresponding to position 179 of SEQ ID NO: 3, wherein the variant has a sequence identity to SEQ ID NO: 3 of at least 75% and less than 100%, and the variant has protease activity and uses and methods based thereon.
<table>
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<tr>
<th>Patent document cited in search report</th>
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<tr>
<td>WO 2004067737 A2</td>
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