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Declaration under Rule 4.17:

— of inventorship (Rule 4.17(iv)) for US only

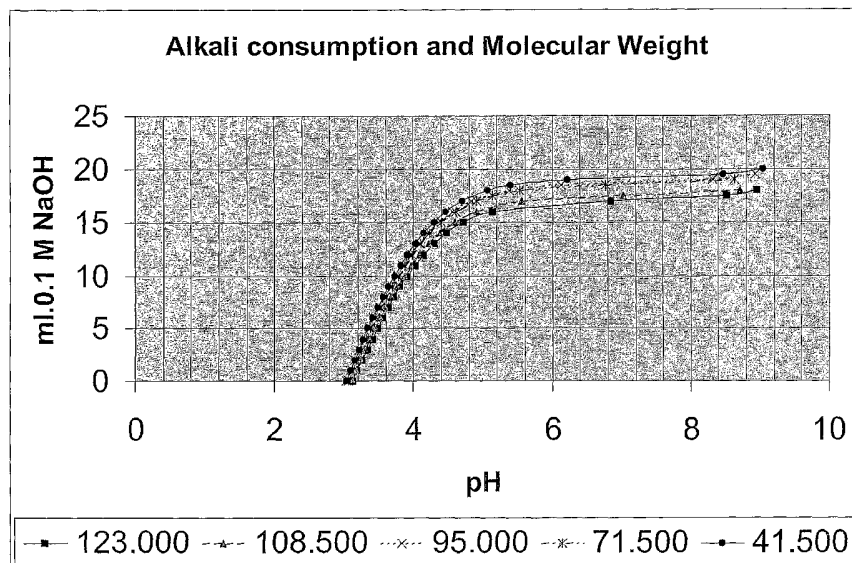
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[Continued on next page]

(54) Title: SKIN-PROTECTING ALKALINITY-CONTROLLING COMPOSITION AND THE USE THEREOF

Alkali consumption at different molecular weight



(57) Abstract: A skin-protecting alkalinity-controlling composition comprises one or more carboxylic acid polysaccharides. Said compositions are capable of providing buffering, and thus avoiding a major increase in the pH of an aqueous system and/or are capable of reducing the pH of aqueous systems, in which alkalinity is formed as a result of chemical and/or biological reactions. The compositions may be used in personal care products, such as skin creams and lotions, hygiene products, wound care products, fabric treating products etc.

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— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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INTERNATIONAL SEARCH REPORT

Int. Application No
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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K7/48

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)

IPC 7 A61K

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, 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	US 4 278 657 A (TEZUKA ET AL) 14 July 1981 (1981-07-14) example 13	1-31
X	WO 02/055034 A (L'OREAL) 18 July 2002 (2002-07-18) examples 1-5	1-31
X	EP 0 664 300 A (HERCULES INCORPORATED; CP KELCO APS) 26 July 1995 (1995-07-26) page 3, lines 20,21; examples 1-6	1-31
X	US 5 384 400 A (CRESCENZI ET AL) 24 January 1995 (1995-01-24) claims 1,14,15	1-31
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

International Application No
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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 6 428 837 B1 (LUZIO GARY ET AL) 6 August 2002 (2002-08-06) examples	1-31
X	WO 2004/026317 A (INCORPORATED ADMINISTRATIVE AGENCY, NATIONAL AGRICULTURE AND BIO-ORIEN) 1 April 2004 (2004-04-01) paragraph '0044!; example 3 & EP 1 550 448 A (INCORPORATED ADMINISTRATIVE AGENCY, NATIONAL AGRICULTURE AND BIO-ORIEN) 6 July 2005 (2005-07-06) paragraph '0044!; example 3	1-31
X	WO 89/12648 A (A/S KOEBENHAVNS PEKTINFABRIK) 28 December 1989 (1989-12-28) cited in the application page 13, lines 24-26; examples 3,4; table 2	1-31
A	US 4 813 942 A (ALVAREZ ET AL) 21 March 1989 (1989-03-21) examples	1-31
A	WO 02/28447 A (MOELNLYCKE HEALTH CARE AB) 11 April 2002 (2002-04-11) page 9, lines 14,15	1-31
X	US 6 051 250 A (RIBIER ET AL) 18 April 2000 (2000-04-18) example 3	1-31
E	WO 2005/049100 A (SCA HYGIENE PRODUCTS AB) 2 June 2005 (2005-06-02) page 9, lines 15-25; table 2	1-31

INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK2005/000285

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

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.: 1-31
because they relate to subject matter not required to be searched by this Authority, namely:
Claims 1-31 are not unitary. Thus, the search has been limited to the first invention: Compositions and their use according to claim 1-31 in so far as these claims are directed to pectin esters
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).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

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 fee, this Authority did not invite payment of any additional fee.
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.:
1-31

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-31

Compositions and their use directed to pectin esters

2. claims: 1-31

Compositions and their use directed to cellulose esters

3. claims: 1-31

Compositions and their use directed to guar gum esters

4. claims: 1-31

Compositions and their use directed to starch esters

5. claims: 1-31

Compositions and their use directed to sugar esters

6. claims: 7-31

Compositions and their use directed to alginic acid esters

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int nal Application No
PCT/DK2005/000285

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
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