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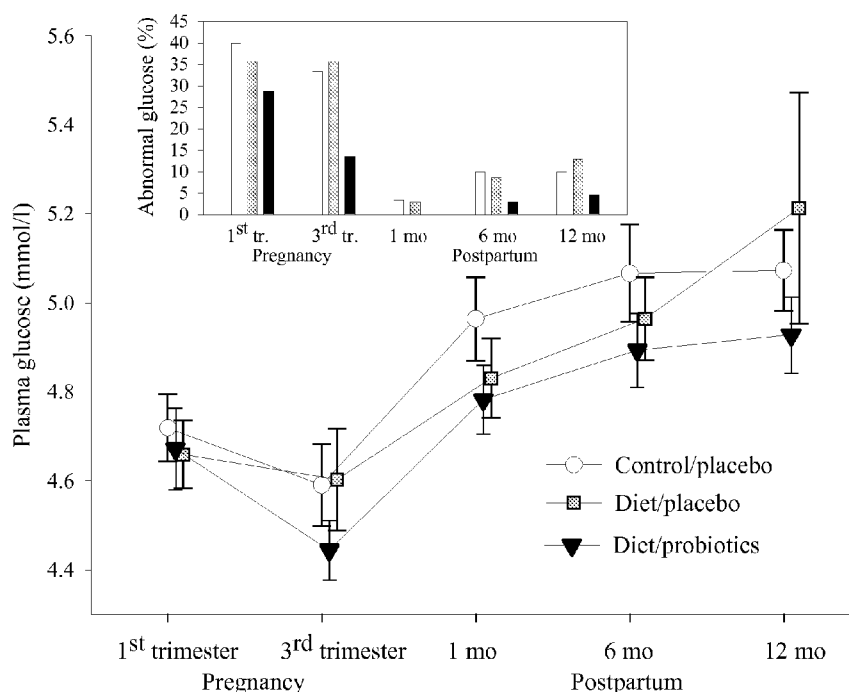
(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ,
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ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,

[Continued on next page]

(54) Title: SUPPLEMENTATION OF MATERNAL DIET

Figure 1



(57) Abstract: The use of probiotic bacteria in the manufacture of a composition for administration to a woman in at least the third trimester of pregnancy for prevention of gestational diabetes, normalising plasma glucose concentration and/or increasing insulin sensitivity.



MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG).

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*
- *of inventorship (Rule 4.17(iv))*

(88) Date of publication of the international search report:

24 September 2009

INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2008/058640

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61K35/74 A61P3/10 A61P3/00

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 A61P

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, PAJ, MEDLINE, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/128714 A1 (WU YINGKING [US] ET AL) 15 June 2006 (2006-06-15) page 2, column 1, paragraph 4-6; claims 1-26 -----	1-3,5, 8-12
X	US 2006/088574 A1 (MANNING PAUL B [US] ET AL) 27 April 2006 (2006-04-27) page 30, column 2, paragraphs 2,3; claim 1 -----	1-3,5, 8-12
X	WO 03/082306 A (REID GREGOR [CA]; BURTON JEREMY [CA]) 9 October 2003 (2003-10-09) page 3, paragraph 4; claims 9-12 page 12, paragraph 2 - page 13, paragraph 2 ----- -/--	1-3,5, 8-12

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

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- *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

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- *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
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- * & * document member of the same patent family

Date of the actual completion of the international search

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Date of mailing of the international search report

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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	WO 2007/043933 A (ARLA FOODS AMBA [DK]; OHLSON KAJSA [SE]; MAHLAPUU MARGIT [SE]; SVENSSO) 19 April 2007 (2007-04-19) page 5; claims 1-3 -----	1-5,8-12
X	US 2006/233772 A1 (HERZ UDO [DE] ET AL) 19 October 2006 (2006-10-19) page 2, column 2, paragraph 3 - page 3, column 1, paragraph 1 page 3, column 2, paragraph 11 - page 4, column 2, paragraph 5 -----	6-10, 13-16
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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	HUET ET AL: "Evaluation d'une preparation pour nourrissons a teneur reduite en proteines et enrichie en probiotiques, en relais de l'allaitement maternel" ARCHIVES DE PEDIATRIE, ELSEVIER, PARIS, FR, vol. 13, no. 10, 1 October 2006 (2006-10-01), pages 1309-1315, XP005671522 ISSN: 0929-693X page 1310, column 1 page 1313, column 2, paragraph 3 - page 1314, column 2, paragraph 4 -----	6-10,13, 14
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INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2008/058640

Box No. 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.:
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).

Box No. 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 allsearchable 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 reportcovers 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.:

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.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

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

1. claims: 1-3,5; 8-12(part)

use of probiotic bacteria in pregnant women for prevention
of gestational diabetes / improvement of insulin sensitivity

2. claims: 4, 15-16; 8-14(part)

use of probiotic bacteria in pregnant women for prevention
of metabolic syndrome

3. claims: 6,7; 8-10(part),13-14(part)

use of probiotic bacteria in infants directly or via the
breast feeding mother

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2008/058640

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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