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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, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
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[Continued on next page]

(54) **Title:** METHODS OF PREPARING POTATO FOOD PRODUCTS WITH ENHANCED RESISTANT STARCH CONTENT

(57) **Abstract:** This application relates to compositions comprising whole-tissue potato products with enhanced resistant starch (RS) content and reduced estimated glycemic index values. Methods of preparing and using whole-tissue potato products with enhanced resistant starch (RS) content and glycemic index values are also disclosed.

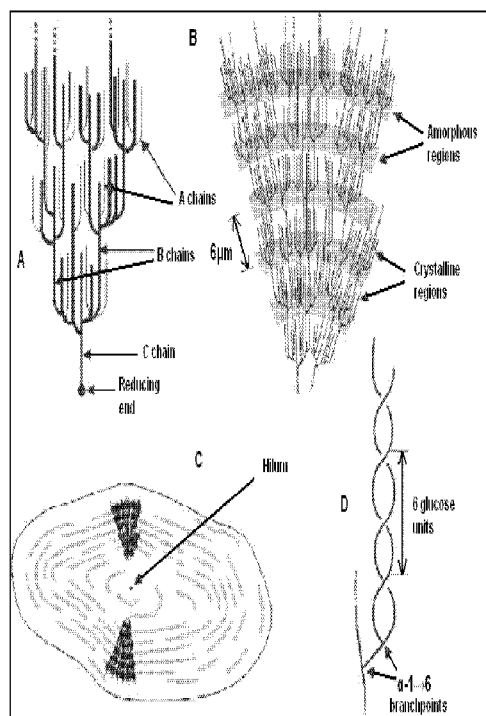


Figure 1



DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT,
LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE,
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A. CLASSIFICATION OF SUBJECT MATTER*A23L 1/0522(2006.01)i, A23L 1/216(2006.01)i*

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)

A23L 1/0522; A23L 1/2165; A23L 1/195; A23L 1/40; C08B 30/00; A23L 1/217; A23L 1/05; A21D 10/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords: potato starch, resistant starch, native, ungelatinize, moisture content

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 05849090 A (HARALAMPU; STEPHEN G. et al.) 15 December 1998 See abstract, claim	1-4
A	US 04418090 A (BOHRMANN; HANS et al.) 29 November 1983 See abstract, claim	1-4
A	US 2005-0089624 A1 (JOAN KING et al.) 28 April 2005 See abstract, claim	1-4
A	US 2008-0279984 A1 (KALUM LISBETH et al.) 13 November 2008 See abstract, claim	1-4



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

"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

"&" document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/US2012/023968

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