

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
3 February 2011 (03.02.2011)

PCT

(10) International Publication Number  
**WO 2011/014069 A2**

(51) International Patent Classification:  
A23C 9/152 (2006.01)

(21) International Application Number:  
PCT/NL2010/050490

(22) International Filing Date:  
30 July 2010 (30.07.2010)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
2003315 31 July 2009 (31.07.2009) NL

(71) Applicant (for all designated States except US): **FRIESLAND BRANDS B.V.** [NL/NL]; Stationsplein 4, NL-3818 LE Amersfoort (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **HECK, Jeroen Margot Leon** [NL/NL]; Johan Beenstraat 7, NL-6708 SM Wageningen (NL).

(74) Agent: **JANSEN, C.M.**; Vereenigde, Johan de Wittlaan 7, NL-2517 JR Den Haag (NL).

(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, RO, RS, RU, 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.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report (Rule 48.2(g))

(54) Title: MILK COMPOSITION, USE THEREOF AND PRODUCTS BASED THEREON, FORMULATION TO BE FED TO MAMMALS, AND METHOD FOR PRODUCING SAID MILK COMPOSITION

(57) Abstract: The present invention relates to a specific milk composition, and especially to a specific cows' milk composition. In addition, the invention relates to the use of this milk composition for the production of dairy based products and to the products produced for food and feed applications and for food and feed supplements. In a further aspect, the present invention relates to a formulation for milk producing animals and especially for dairy cattle and essentially for dairy cows; and to a method for producing said milk composition by milking said milk producing animals.



WO 2011/014069 A2