

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
5 November 2009 (05.11.2009)

PCT

(10) International Publication Number
WO 2009/133458 A4

(51) International Patent Classification:

A61K 36/718 (2006.01) A61K 36/734 (2006.01)
A61K 31/473 (2006.01) A61P 3/06 (2006.01)
A61K 36/638 (2006.01) A61P 9/00 (2006.01)

(21) International Application Number:

PCT/IB2009/005461

(22) International Filing Date:

1 May 2009 (01.05.2009)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/049,588 1 May 2008 (01.05.2008) US

(71) Applicant (for all designated States except US): **AFEXA LIFE SCIENCES INC.** [CA/CA]; 9604-20th Avenue, Edmonton, Alberta T6N 1G1 (CA).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SHAN, Jacqueline, Jie** [CA/CA]; 9604-20th Avenue, Edmonton, Alberta T6N 1G1 (CA). **LING, Lei** [CA/CA]; 2040 Haddow Drive, Edmonton, Alberta T6R 2W2 (CA). **GOEL, Vinti** [CA/CA]; 864 Hollands Landing, Edmonton, Alberta T6R 3T1 (CA). **QI, Guizhong** [CA/CA]; 17115-86 Avenue, Edmonton, Alberta T5T 0L3 (CA). **WANG,**

Shaozhao [CA/CA]; 8090-2445 Street, Edmonton, Alberta T6J 5S7 (CA).

(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, 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, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, 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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (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, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

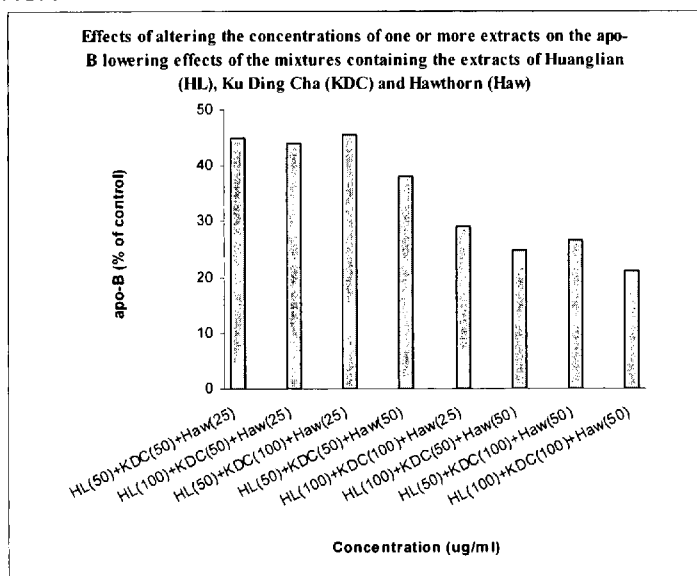
Published:

- with international search report (Art. 21(3))
- with amended claims (Art. 19(1))

[Continued on next page]

(54) Title: PHARMACEUTICAL COMPOSITION COMPRISING EXTRACTS OF HUANGLIAN AND KU DING CHA EFFECTIVE FOR LOWERING BLOOD LIPID LEVELS

FIG. 7



(57) Abstract: A medicinal combination of herbs, herbal extracts, and their chemical constituents that is synergistically effective for promoting human and veterinary health. The combination is a blood lipid level lowering synergistic composition comprising Ku ding cha, berberine or a berberine-containing plant extract, and other optional active ingredients. Methods of extraction and combination in synergistic amounts are also disclosed. The compositions according to the present invention may be used to treat or reduce the chance of contracting or the progression of a number of diseases or conditions in a subject, particularly cardiovascular diseases.



Date of publication of the amended claims: 30 December
2009