

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 April 2009 (30.04.2009)

PCT

(10) International Publication Number
WO 2009/054662 A3

(51) International Patent Classification:
A61K 36/42 (2006.01)

(21) International Application Number:
PCT/KR2008/006219

(22) International Filing Date: 21 October 2008 (21.10.2008)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2007-0106138 22 October 2007 (22.10.2007) KR

(71) Applicant (for all designated States except US): **SK CHEMICALS CO., LTD.** [KR/KR]; 600 Jungja 1(il)-dong, Jangan-gu Suwon-si, Gyeonggi-do 440-300 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **KIM, Bongcheol** [KR/KR]; 111-802, Saemmaeul Hanyang Apt., Galsan-dong Dongan-gu Anyang-si, Gyeonggi-do 431-705 (KR). **KIM, Joo-Hyun** [KR/KR]; 104-1603, Segwang nRichvill Apt., Jiwol-ri Chowol-eup Gwangju-si, Gyeonggi-do 464-863 (KR). **YUN, Se Jun** [KR/KR]; 107-702, Pureun-maeul, Irwon-dong Gangnam-gu, Seoul

135-230 (KR). **JANG, Gi Uk** [KR/KR]; 302, Indang village, 163-4, Songpa 2(i)-dong Songpa-gu, Seoul 138-853 (KR). **PYO, Sungsoo** [KR/KR]; 810-1207, Jugong Apt., Burim-dong Gwacheon-si, Gyeonggi-do 427-735 (KR).

(74) Agent: **PAIK, NamHoon**; 14th Fl., KTB Network Building 826-14, Yeoksam-dong, Kangnam-ku, Seoul 135-769 (KR).

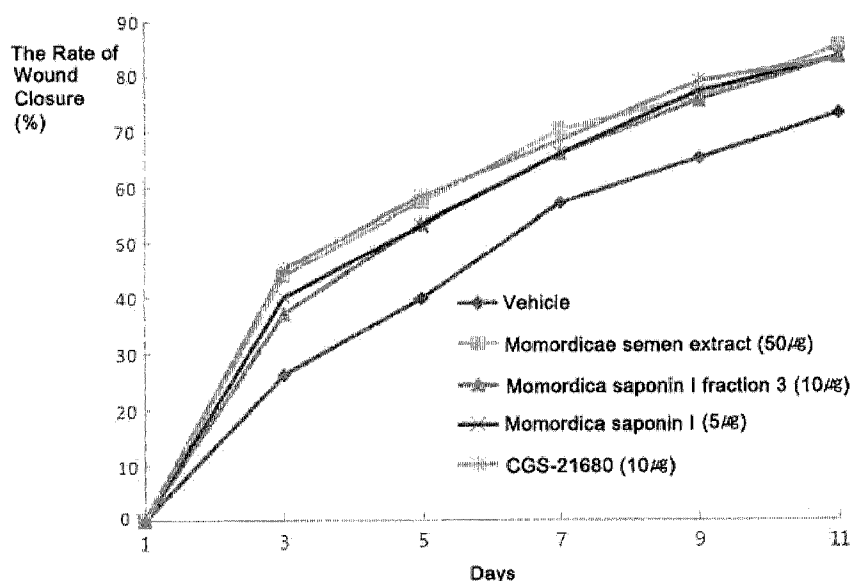
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, 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, MT, NL,

[Continued on next page]

(54) Title: WOUND-HEALING AGENT CONTAINING MOMORDICAE SEMEN EXTRACT

[Fig. 1]



(57) Abstract: The present invention relates to Momordicae semen extract having wound-healing efficiencies. In particular, the present invention relates to a wound-healing topical transdermal agent comprising an active ingredient of Momordicae semen extract, which is capable of reducing the time required for the closure and treatment of wounds as confirmed in skin-wound induced animal model.



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*

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

11 June 2009