

18/10/04
2004060612

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
20 November 2003 (20.11.2003)

PCT

(10) International Publication Number
WO 03/095979 A1

(51) International Patent Classification⁷: **G01N 1/00**,
B01D 11/00, C07D 311/30, 311/40, 455/03, C07H 15/256

(21) International Application Number: PCT/SG02/00063

(22) International Filing Date: 19 April 2002 (19.04.2002)

(25) Filing Language: English

(26) Publication Language: English

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SI, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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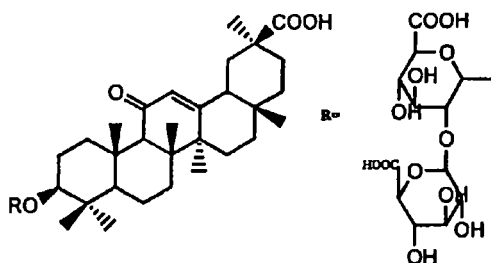
Published:

— with international search report
— with amended claims

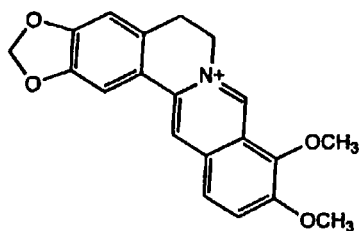
[Continued on next page]

(54) Title: PRESSURIZED HOT WATER EXTRACTION

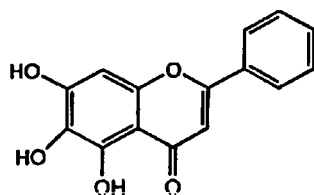
A)



B)



C)



(57) Abstract: Methods for the pressurized hot water extraction (PHWE) of compounds from a sample of interest are disclosed. Applications of the method to the extraction of bioactive compounds from botanical samples are disclosed. The disclosed methods do not require the use of subcritical conditions and may be conducted under dynamic flow conditions in the presence of one or more organic solvents. The disclosed methods also provide extraction efficiencies comparable to soxhlet extraction.



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