

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

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
2 February 2012 (02.02.2012)

(10) International Publication Number
WO 2012/013551 A1

PCT

(51) International Patent Classification:

A61K 36/28 (2006.01) *A61P 17/04* (2006.01)
A61K 36/9068 (2006.01) *A61P 19/02* (2006.01)
A61K 9/00 (2006.01)

(21) International Application Number:

PCT/EP2011/062421

(22) International Filing Date:

20 July 2011 (20.07.2011)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

MI2010A001373 26 July 2010 (26.07.2010) IT

(71) Applicant (for all designated States except US): **INDE-
NA S.p.A.** [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BOMBARDELLI,
Ezio** [IT/IT]; Via Val di Sole, 22, I-20141 Milano (IT).
MORAZZONI, Paolo [IT/IT]; Viale Ortles, 12, I-20129
Milano (IT).

(74) Agent: **MINOJA, Fabrizio**; Bianchetti Bracco Minoja
S.r.l., Via Plinio, 63, I-20129 Milano (IT).

(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, RS, SE, SI, SK,
SM, 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))

(54) Title: FORMULATIONS CONTAINING EXTRACTS OF ECHINACEA ANGUSTIFOLIA AND ZINGIBER OFFICINALE WHICH ARE USEFUL IN REDUCING INFLAMMATION AND PERIPHERAL PAIN

(57) Abstract: Disclosed is a combination of lipophilic extracts of Zingiber officinale and Echinacea angustifolia for the treatment of itching, peripheral pain, superficial and deep inflammatory and painful states, pain associated with muscle spasms, herpes pain, and radiodermatitis caused by oncological radiotherapy, with or without fungal or bacterial infections.



WO 2012/013551 A1