

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 December 2005 (01.12.2005)

PCT

(10) International Publication Number
WO 2005/113128 A1

(51) International Patent Classification⁷: **B01J 13/02**,
A01N 25/28, 35/06, 35/02, 31/16, 31/08, 31/02, A61K
9/50 // (A01N 35/06, 35/02), 31:16), 31:08), 31:02),
25:28) (A01N 35/02, 31:16), 31:08)

(21) International Application Number:
PCT/GB2005/002011

(22) International Filing Date: 20 May 2005 (20.05.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/572,892 20 May 2004 (20.05.2004) US
PCT/GB2005/000240
24 January 2005 (24.01.2005) GB

(71) Applicant (for all designated States except US): **EDEN
RESEARCH PLC** [GB/GB]; Unit 3, Manor Farm Barns,
Witney Road, Finstock, Chipping Norton OX7 3DG (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **FRANKLIN, Lanny**
[US/US]; 5170 Chemin de Vie, Atlanta, GA 30342 (US).
OSTROFF, Gary [US/US]; 301 Bridle Path, Worcester,
MA 01604 (US).

(74) Agent: **MURGITROYD & COMPANY**; Scotland
House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,
MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,
OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL,
SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
VN, YU, 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, HU, IE, IS, IT, LT, LU, MC, NL, 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

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: COMPOSITIONS CONTAINING A HOLLOW GLUCAN PARTICLE OR A CELL WALL PARTICLE ENCAPSU-
LATING A TERPENE COMPONENT, METHODS OF MAKING AND USING THEM

(57) Abstract: The present invention relates to compositions comprising a hollow glucan particle or cell wall particle encapsulating a
terpene component, methods of their manufacture and their use. The compositions are suitable for preventing and treating infections
in plants and animals, including humans.

WO 2005/113128 A1