PCT WORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 :
A01M 21/00, 21/04, E01H 11/00

A1

(11) International Publication Number: **WO 98/47355**

(43) International Publication Date: 29 October 1998 (29.10.98)

(21) International Application Number: PCT/AU98/00279

(22) International Filing Date: 21 April 1998 (21.04.98)

(30) Priority Data:

PO 6356	22 April 1997 (22.04.97)	AU
PP 0737	4 December 1997 (04.12.97)	AU

(71) Applicant *(for all designated States except US)*: WEEDBUG PTY. LTD. [AU/AU]; Ground floor, 50 Leichhardt Street, Spring Hill, Brisbane, QLD 4000 (AU).

(72) Inventor; and

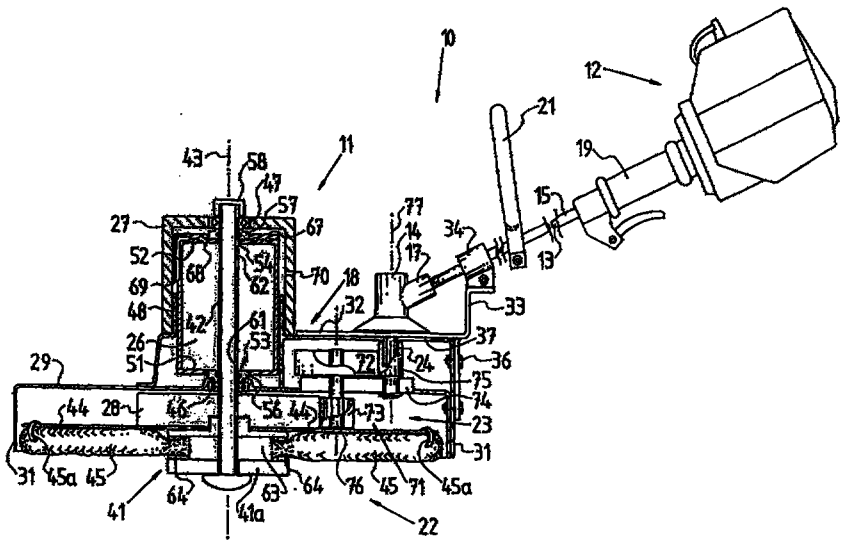
(75) Inventor/Applicant *(for US only)*: STEVENS, Alec, Martin [AU/AU]; 86 South Street, Cleveland, QLD 4163 (AU).

(74) Agent: AHEARNS; Patent & Trade Mark Attorneys, G.P.O. Box 1149, Brisbane, QLD 4001 (AU).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG).

Published
With international search report.

(54) Title: HAND HELD MOTOR DRIVEN APPLICATORS



(57) Abstract

A hand held motor driven applicator (10) for applying liquids particularly weedicides selectively to undesired plants in a field, garden, crop or the like including: a motor (12); a rotor assembly (22) including a rotatable wick support (41) having one or more applicator wicks (45) attached thereto, said rotor assembly (22) being supported for rotation, in use, about a vertical axis (43) by support means (18); drive means (23) operatively connected to said motor (12) and said rotor assembly (22) for transferring rotary drive from said motor (12) to said rotor assembly (22); storage means (26) in liquid communication with said one or more applicator wicks (45) for storing a quantity of liquid for supplying said one or more wicks (45) with liquid while said rotor assembly (22) is rotating; and an elongate handle (15) operatively connected to said support means (18) by which a user may maintain said rotor assembly (22) proximal to the surface of the field, garden or crop, whereupon said applicator wicks (45) may apply liquid to selected plants upon contact.