

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
1 August 2002 (01.08.2002)

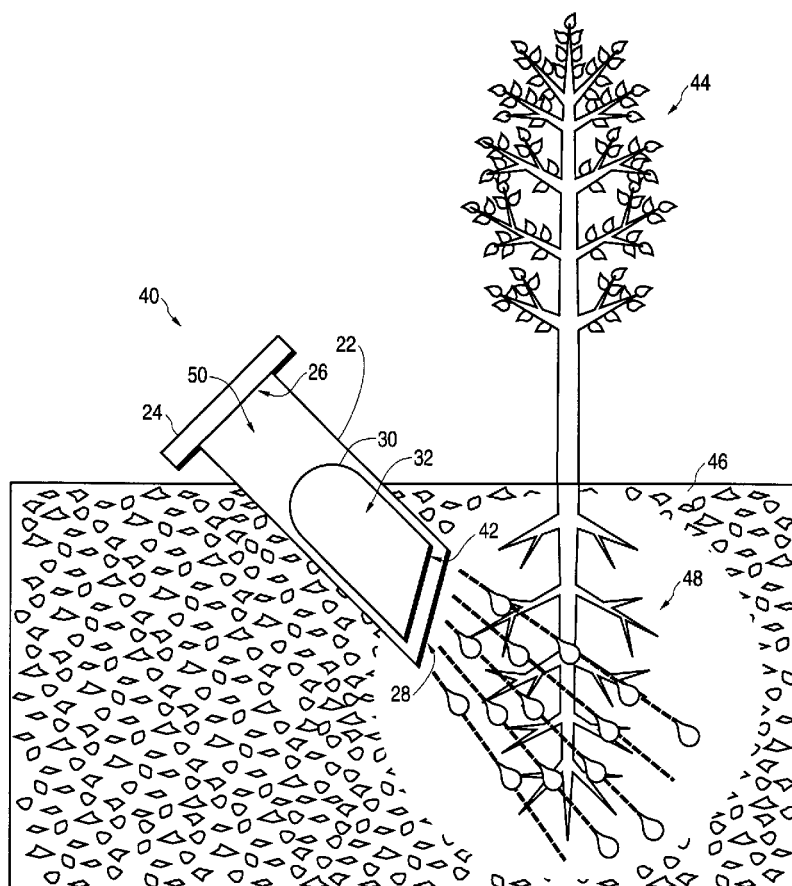
PCT

(10) International Publication Number
WO 02/058458 A1

- (51) International Patent Classification⁷: **A01G 29/00** (74) Agent: **DERGOSITS, Michael, E.**; Dergosits & Noah LLP, Four Embarcadero Center, Suite 1150, San Francisco, CA 94111 (US).
- (21) International Application Number: PCT/US00/41176
- (22) International Filing Date: 10 October 2000 (10.10.2000)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (for all designated States except US): **DRIWATER, INC.** [US/US]; 600 E. Todd Road, Santa Rosa, CA 94507 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **PATERNOSTER, Joseph** [US/US]; 806 Franquette Avenue, Santa Rosa, CA 95405 (US). **JENSEN, Harold** [US/US]; 2275 Hearn Avenue, Santa Rosa, CA 95407 (US).
- (81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, 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, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, 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, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: TUBE DELIVERY SYSTEM AND METHOD



(57) Abstract: A system (40) and method are provided for controllably delivering water from a moisturizing agent to plant tissue. The angled insertion end (28) of a delivery tube (22) is placed in the soil in close proximity to the root system of a plant (48). An insert (30) containing moisturizing agent (32) is opened at an end to expose the moisturizing agent (32) and then placed through the receiving end (26) of the delivery tube (22) and into the hollow bore (50) thereof. A cap (24) is then removably placed over the receiving end (26) to seal the insert (30) within the hollow bore (50) of the delivery tube (22).



WO 02/058458 A1



Published:

- with international search report
- with amended claims and statement

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