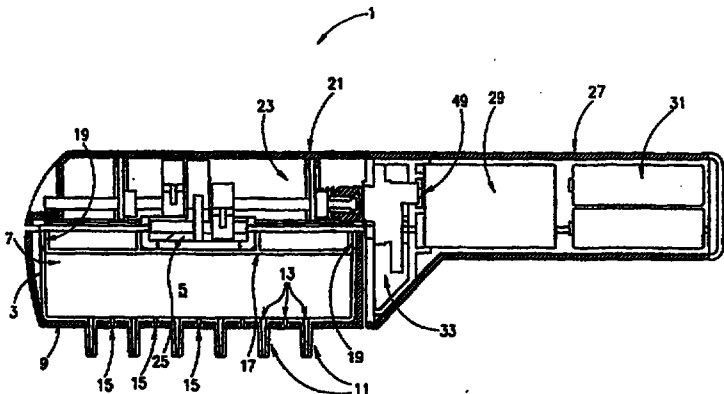




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(21) International Application Number: PCT/IL98/00197 (22) International Filing Date: 27 April 1998 (27.04.98) (30) Priority Data: 120821 11 May 1997 (11.05.97) IL (71)(72) Applicants and Inventors: SOFER, Menachem (IL/IL); Yavne Street 13/1, 72219 Ramla (IL). SCHNEIDER, Roni (IL/IL); Pri Megadim Street 15, 67447 Tel Aviv (IL). (74) Agent: FRIEDMAN, Mark M.; Samueloff Building., 7 Hao-manim Street, 67897 Tel Aviv (IL).		(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), 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, SK (Utility model), 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 <i>With international search report.</i> <i>With amended claims.</i>
(54) Title: HAIR DYE DISPENSER  (57) Abstract This invention is a hair dye dispenser (1) comprising a container (3) of dye liquid (5), an upper side (7), and a base (9), the base (7) comprises a plurality of spaced apart tines (11) underneath, wherein channels (13) through the tines and/or through holes (15) disposed in the base in the vicinity of the tines, allow expelling of the dye liquid from the container. The dispenser comprises a lid (17) that may be pressed down toward the base while the rims (19) of the lid maintain a tight sealing contact with the side walls of the container, wherein the pushing down of the lid toward the base forces the expelling of dye liquid from the container through the channels and holes. In a comb portion (21) of the dispenser there is provided a housing into which the container may be removably inserted, a conversion mechanism (23) for converting rotational movement into translational movement, and plunger means (25) for pressing down the lid. The plunger means is associated and activated by the conversion mechanism when the conversion mechanism is activated by an associated rotational drive. A handle casing (27) of the dispenser is coupled to the comb portion, and comprises an internal rotational drive, an internal gear (33) associated to the rotational drive for converting high rotational motion of the drive to a slow rotational motion, and an internal power source (31) for the rotational drive. The rotational motion from the drive is provided through the gear to the conversion mechanism, pushes down the lid with a relatively slow rate, and a relatively high-pressure.		