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(71) Applicant *(for all designated States except US)*: SODA-CLUB (CO_2) AG [CH/CH]; Neugasse 14, CH-6300 Zug (CH).

(71)(72) Applicant and Inventor *(for US VN only)*: WISEBURGH, Peter, Gordon [GB/IL]; Beit-Lechem Road 37, 93553 Jerusalem (IL).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: HULLEY, Peter [GB/GB]; 26 Orchard Lane, Woodnewton, Peterborough PE8 5EE (GB).

(74) Agents: LUZZATTO, Kfir et al.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

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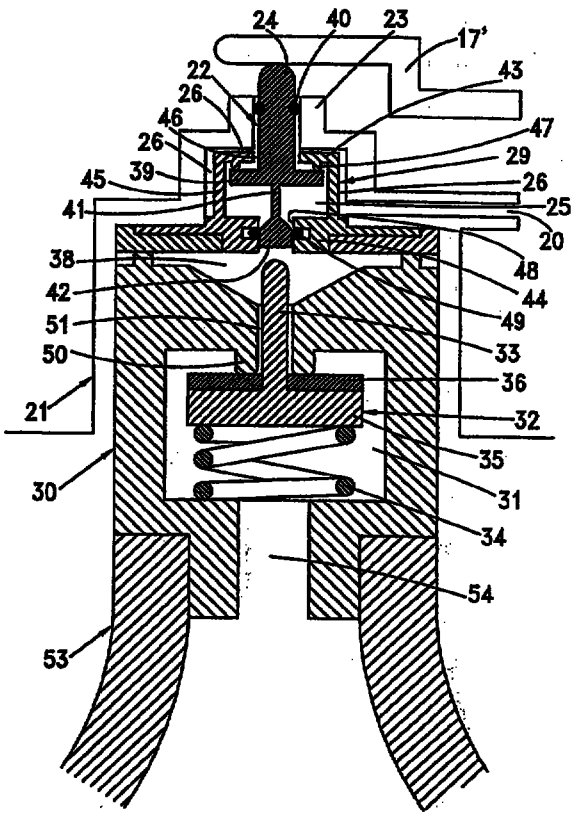
(54) Title: SAFETY DEVICE FOR LIQUID AERATING APPARATUS

(57) Abstract

A liquid aerating apparatus – in combination with a cylinder containing gas under pressure (53); a cylinder holder (30) for retaining a pressure gas cylinder; an aerating (61) head for retaining a bottle (63) which contains a liquid to be aerated; an intermediate chamber (38), for receiving gas discharged from the cylinder (531); a cylinder valve (32) for normally preventing discharge from the cylinder into the chamber and permitting it when desired; valve actuating means (17') which have an inactive position, in which they do not act on the cylinder valve, and an active position, in which they cause the cylinder valve to be opened and gas to be discharged from the cylinder to the intermediate chamber; gas conduit means (20) connecting the intermediate chamber with the aerating head; and auxiliary valve means (39) for sealing off the intermediate chamber from the conduit means when the cylinder valve is not fully closed and the valve actuating means are in their inactive position. The auxiliary valve means comprises a control chamber (25), a plunger (42) sealing off the control chamber from the intermediate chamber when the valve actuating means are in the inactive position and permitting passage of gas from the intermediate chamber when the valve actuating means are in the active position.



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