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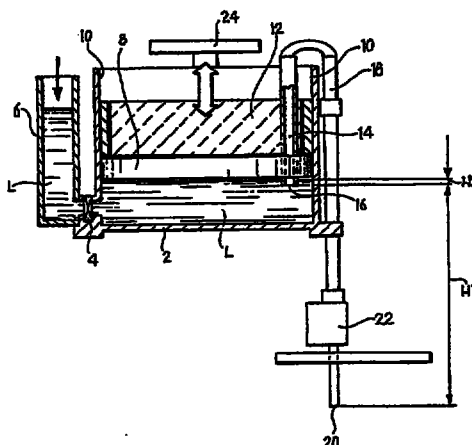
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(54) Title: APPARATUS AND A METHOD FOR METERING LIQUIDS



(57) Abstract: Apparatus for metering one or more liquids contained in respective reservoirs (2, 6) into one or more collecting containers is characterized in that it comprises, for each liquid: a cylinder (2) for the liquid to be metered, the cylinder having a movable piston member (8) in contact with the surface of the liquid in the cylinder (2); pressure means (12) for exerting a constant force on the piston (8); means (14, 16, 18, 20) for the transfer of the liquid from the cylinder (2) to the collecting container, the transfer means comprising a duct having an inlet opening (16) for the withdrawal of the liquid from the cylinder and a delivery opening (20), the transfer means being movable in dependence on the level of liquid in the cylinder (2) and being arranged to keep the geometrical height difference H_1 between the withdrawal point and the delivery point proportional to the hydrostatic head of liquid H_2 above the withdrawal point with variations in the level of liquid in the cylinder so as to keep the delivery flow-rate constant; and valve means (22) associated with the transfer means for controlling the flow of liquid in the transfer means.

WO 01/20270 A1