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(54) Refrigerator appliance with cool water dispensing unit

A refrigerator appliance is described comprising a heat insulated case (2) and a unit for dispensing water coming from an external water network. The unit comprises a first direct operation solenoid valve (8) connected with said external water network, a tank (10) located inside the heat insulated case (2) and which receives water coming from the external water network through the first solenoid valve (8), a second direct operation solenoid valve (14) located downstream of said tank (10), a water dispenser (13) external to the refrigerator appliance. The first solenoid valve (8) has an orifice (87) for the flow of water inside the tank (10) and said second solenoid valve (14) has an orifice (140) for the flow of the water toward the dispenser (13). The orifice (87) of the first solenoid valve (8) has a section smaller than the orifice (140) of the second solenoid valve (14) in order to reduce the pressure inside the water circuit comprised between the two solenoid valves (8, 14).

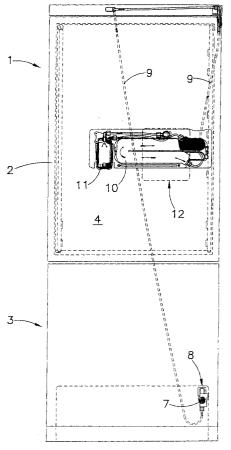


FIG.1



EUROPEAN SEARCH REPORT

Application Number EP 01 20 1010

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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