

Title (en)
CARBONATED BEVERAGE CONTAINER WITH SUCTION SPOUT

Title (de)
BEHÄLTER FÜR KOHLENSÄUREHALTIGE GETRÄNKE MIT AUSGIESSTÜLLE

Title (fr)
ELEMENT DE COMMANDE D'ECOULEMENT ANTI-GOUTTE DESTINE A UN CONTENANT DE BOISSON GAZEUSE MUNI D'UN BEC D'ASPIRATION

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Abstract (en)
[origin: WO0192133A2] The invention related to a "flow control element" with suction spout for carbonated beverage cans. The fluid remains under pressure while access is possible when suction is applied to the spout. The spout is attached to a housing enclosure that holds a spring, a centrally perforated membrane, a valve stem and a valve. This housing enclosure extends into the inside of the container, which extended part functions as a guide for the valve stem and that incorporates the valve seat. The valve stem is attached to the perforated membrane on one side and to the valve on the other side. When suction is applied the membrane moves the valve and opens a flow path, thereby allowing fluid to flow through the valve stem and the perforated membrane to the mouth. When the suction stops, a spring closes the valve against the gas pressure in the can or container.

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Cited by
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