

Title (en)

Tapping head with only one connector for rinsing fluid, beverage and gas

Title (de)

Zapfkopf mit nur einem Anschluss für Reinigungsflüssigkeit, Getränk und Gas

Title (fr)

Dispositif de soutirage avec un seul connexion pour fluide de rinçage, boisson et gaz

Publication

EP 0987214 B1 20020717 (DE)

Application

EP 99117318 A 19990903

Priority

DE 19841954 A 19980914

Abstract (en)

[origin: US6223955B1] The invention relates to a tapping head with a cylinder cavity in which a plunger is arranged. The plunger is capable of moving up and down and is biased or loadable by a coil spring. The tapping head consists of a barrel connection housing connected with the cylinder cavity of the tapping head housing, a rising tube extending through the housing and the plunger and forming a channel for the beverage. The tapping head also has a slidably arranged, sleeve-like tappet connected to the plunger and a connection for cleaning liquid. The connection for the cleaning liquid feeds into the tapping head housing in an annular gap between the rising tube and a tube surrounding the rising tube, and is connected there with the rising tube (rinsing position) or sealed by a seal (tapping position) depending on the position of the tappet. A transversely extending gas line is arranged in the plunger. In the lower tapping position of the plunger, the gas line connects via a feed line an annular gap extending around the surrounding tube and reaches into the barrel. A vacuum valve arranged in the housing has an inlet side connected to the cylinder cavity via a high-pressure line. The feed of water, gas and beverage takes place via one single system hose having conduits incorporated therein, and the hose is connectable to a system connection located on a side surface of the tapping head housing.

IPC 1-7

B67D 1/08

IPC 8 full level

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Cited by

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