

Title (en)

System and method for cleaning a beer line, for instance in a beer tap installation

Title (de)

Verfahren und Vorrichtung zum Reinigen eine Bierleitung, z.B. in einer Zapfanlage

Title (fr)

Système et procédé de purification d'une conduite de bière, par exemple dans un système de distribution.

Publication

**EP 2052793 A1 20090429 (EN)**

Application

**EP 07075915 A 20071024**

Priority

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Abstract (en)

The invention relates to a system for cleaning a beer conduit, for instance in a beer tap installation, comprising a coil which is mounted round the conduit, a first electronic circuit which is connected to the coil, which circuit is adapted to generate an alternating electromagnetic field in a liquid such as beer or a cleaning liquid flowing through the conduit in order to degrade and discharge crystalline calcium oxalate deposit ( $\text{CaC}_2\text{O}_4 \cdot n\text{H}_2\text{O}$ ) present on the conduit wall, an electrolysis cell which can be connected to the conduit and through which cleaning liquid can flow, and a second electronic circuit which is connected to the electrolysis cell, which electronic circuit is adapted to switch the electrolysis cell on and off in order to generate sodium hypochlorite ( $\text{NaClO}$ ) in the cleaning liquid in order to kill and discharge micro-organisms present on the conduit wall.

IPC 8 full level

**B08B 9/02** (2006.01); **C02F 1/46** (2006.01); **C02F 1/48** (2006.01)

CPC (source: EP)

**B08B 9/027** (2013.01)

Citation (search report)

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