

Title (en)

LIQUID CONTAINER, BEVERAGE PRODUCTION SYSTEM AND METHOD FOR DETECTING A LIQUID FILLING LEVEL OF A CONTAINER

Title (de)

FLÜSSIGKEITSBEHÄLTER, GETRÄNKEHERSTELLUNGSSYSTEM UND VERFAHREN ZUR DETEKTION EINES FLÜSSIGKEITSFÜLLSTANDS EINES BEHÄLTERS

Title (fr)

RÉCIPIENT DE LIQUIDE, SYSTÈME DE PRODUCTION DE BOISSON, ET PROCÉDÉ DE DÉTECTION DE NIVEAU DE REMPLISSAGE DE LIQUIDE D'UN RÉCIPIENT

Publication

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Application

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Abstract (en)

[origin: WO2017149049A1] The present invention relates to a container (2) for receiving a liquid comprising a thin film capacitive sensor (100) for detecting the liquid filling level of the container (2). The present invention further relates to a beverage production system (S) comprising a beverage production machine (1) having a beverage production unit (10) for preparing and dispensing a beverage and a control unit (50) for controlling a beverage production of the beverage production unit (10), and a container (2) according to the invention, wherein the sensor (100) of the container (2) is connected with the control unit (50), e.g. via an electrical contact (43, 63) or a wireless transmission means of the machine (1), when the container (2) is associated with the machine (1), and wherein the control unit (50) is configured to control the beverage production based on the liquid filling level of the container (2) detected by the sensor (100). Moreover, the present invention relates to a method for detecting a liquid filling level of a container (2), comprising the steps of providing a beverage production system (S) according to the present invention, associating the container (2) with the beverage production machine (1) such that the sensor (100) of the container (2) is connected with the control unit (50), e.g. via the electrical contact (43, 63) or the wireless transmission means of the machine (1), and controlling the beverage production based on the liquid filling level of the container (2) detected by the sensor (100).

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