

Title (en)

DEVICE AND METHOD FOR DETECTING THE FILLING LEVEL OF A CONTAINER, AND DEVICE FOR FILLING A CONTAINER

Title (de)

VORRICHTUNG UND VERFAHREN ZUM ERFASSEN DES FÜLLSTANDES EINES BEHÄLTERS UND VORRICHTUNG ZUM BEFÜLLEN EINES BEHÄLTERS

Title (fr)

DISPOSITIF ET PROCEDE POUR DETECTER LE NIVEAU DE REMPLISSAGE D'UN RECIPIENT ET DISPOSITIF POUR REMPLIR UN RECIPIENT

Publication

EP 1957947 A2 20080820 (DE)

Application

EP 06818654 A 20061118

Priority

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- DE 102005058616 A 20051207

Abstract (en)

[origin: WO2007065555A2] The invention relates to a device for detecting the filling level of a container, such as a bottle, using a measuring probe that can be introduced into the container and comprises a resistance section which is electrically contacted at two points. Said resistance section can be brought into contact with the product with which the container is to be filled, at different heights, the measuring probe comprising an electrically contacted reference potential electrode. The invention also relates to an appliance for filling containers, such as bottles, provided with an inventive device, and a method for detecting the filling level of a container, such as a bottle, using a measuring probe comprising a resistance section which is electrically contacted at two points. Said method comprises the following steps: the measuring probe is inserted into the container and the container is increasingly filled so that the resistance section comes into contact with the product filling the container at different levels, an electrical reference potential being indicated by a reference potential electrode immersed into the filling product and arranged on the measuring probe.

IPC 8 full level

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CPC (source: EP US)

B67C 3/2622 (2013.01 - EP US); **B67C 3/2631** (2013.01 - EP US); **G01F 23/24** (2013.01 - EP US)

Citation (search report)

See references of WO 2007065555A2

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