

Title (en)

Intelligent control of a bottle washing machine

Title (de)

Intelligente Steuerung einer Flaschenwaschmaschine

Title (fr)

Commande intelligente d'une machine à laver les bouteilles

Publication

EP 2409790 B1 20130710 (DE)

Application

EP 11174716 A 20110720

Priority

DE 102010031564 A 20100720

Abstract (en)

[origin: EP2409790A2] The method involves determining a control parameter, which reflects a pollution degree of cleaned bottles of a cleaning machine (2). The pollution degree of the cleaned bottles is detected. The detected pollution degree is evaluated. The bottles evaluated to exhibit a high pollution degree are returned to an inlet of the cleaning machine. The cleaning parameter of the cleaning machine is automatically controlled by a fuzzy logic system if a number of the returned bottles exceeds a predetermined target value or target range based on the number of cleaned bottles. An independent claim is also included for a cleaning system comprising a controller.

IPC 8 full level

B08B 9/20 (2006.01); **B08B 9/46** (2006.01)

CPC (source: EP US)

B08B 9/20 (2013.01 - EP US); **B08B 9/46** (2013.01 - EP US)

Cited by

CN112439758A; CN116899970A; WO2017140636A3; WO2017211974A1

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DOCDB simple family (publication)

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EP 11174716 A 20110720; BR PI1103465 A 20110718; CN 201110204447 A 20110720; DE 102010031564 A 20100720; US 201113186522 A 20110720