

Title (en)

Method for detecting the lack of a regenerating agent in a washing machine, in particular a dishwasher, and system thereof

Title (de)

Verfahren und Vorrichtung zur Detektierung von Regenerationsmittelmangel in einer Waschmaschine, insbesondere einer Geschirrspülmaschine

Title (fr)

Procédé et dispositif pour détecter le manque d'agent régénérateur dans une machine à laver, en particulier dans une machine à laver la vaisselle

Publication

**EP 1228735 A3 20040825 (EN)**

Application

**EP 02002619 A 20020205**

Priority

IT TO20010103 A 20010205

Abstract (en)

[origin: EP1228735A2] Method for detecting the lack of a regenerating agent in a household washing machine, in particular a dishwasher, comprising a water softening device (1;1A) containing resins (R), which reduce their softening capacity depending on the volume of the water being treated, said softening device (1;1A) comprising a container for said regenerating agent, a sensor (3) for detecting the state of said resins, said sensor (3) containing sample resins (RC), whose volume decreases depending on their exhaustion level, where said sensor (3) comprises a movable element capable of taking at least a first operating position for the movable element to delimit a chamber containing said sample resins (RC) and where the position of said movable element is determined by a magnetic sensor (5), the method provides at least a regeneration step of the softening capacity of said resins (R;RC), during which an aqueous solution containing the regenerating agent is conveyed to the resins (R;RC), and at least a wash step of said resins (R;RC) after said regeneration. The invention is featured by the regeneration and wash steps of said resins being followed by at least a water intake in the washing machine before activating a signal to indicate the lack of said regenerating agent. <IMAGE>

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CPC (source: EP)

**A47L 15/4229** (2013.01)

Citation (search report)

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EP1862105A3; EP1723889A1

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