

Title (en)

Method and device to indicate the need for reintegration of a regenerating substance of the anti-calcium function in a washer machine such as dishwashers or suchlike

Title (de)

Verfahren und Vorrichtung zum Anzeigen des Bedürfnis zum Nachfüllen einer Regeneriersubstanz der Enthärter-Function in einer Waschvorrichtung wie zum Beispiel Geschirrspülmaschinen

Title (fr)

Méthode et dispositif pour indiquer le besoin de remplissage de substance de régénération pour l'adoucisseur dans une machine à laver des ustensiles tel que lave-vaisselle

Publication

EP 1723889 A1 20061122 (EN)

Application

EP 06113798 A 20060511

Priority

IT UD20050076 A 20050513

Abstract (en)

Method and device (10) to indicate the need for reintegration of a regenerating substance of the anti-calcium function in a washer machine (16), which comprises a containing tank (17) for a regenerating substance, a discharge pan (20) and a command unit (26) suitable to activate, after a defined number of washing cycles, a regeneration cycle that uses the regenerating substance. The method provides the following steps: a meter in the command unit (26) is zeroed at the moment a performed reintegration of the regenerating substance is detected in the tank (17); the quantity of regenerating substance unloaded into the tank (17) is measured, by measuring the quantity of water that flows into the pan (20) following the reintegration; the number of regeneration cycles performed is progressively counted, starting from the last reintegration performed, and the quantity removed with every regeneration cycle is deducted from the measured quantity of regenerating substance introduced into the tank (17); and the need for reintegration is indicated after a number of regeneration cycles such that the regenerating substance remaining in the tank (17) has reached a preestablished minimum level.

IPC 8 full level

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CPC (source: EP)

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- [A] DE 3527047 A1 19870205 - LICENTIA GMBH [DE]
- [A] EP 1228735 A2 20020807 - T & P SPA [IT]
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