

Title (en)

System for signalling the concentration of the salt used for the resins regeneration in a washing machine

Title (de)

Salzkonzentrationsanzeigevorrichtung zur Harzregeneration in einer Waschmaschine

Title (fr)

Dispositif pour signaler la concentration en sel utilisé pour la régénération des résines dans une machine à laver

Publication

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Application

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Priority

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Abstract (en)

A signal system is described of the salt concentration used for resin regeneration in a washing machine, specifically a household dishwasher incorporating a water softening device (DD) comprising a compartment (R) for the resins used to reduce the degree of water hardness, a compartment (S) for the salt required for regeneration of the resins that have lost their effectiveness following execution of softening steps, means to determine salt availability in the relevant salt compartment (S), means (L) to signal the need for salt filling when the level in the salt compartment (S) lowers down to a preset minimum level, where the resin reactivating processes take place periodically in time, specifically with each wash cycle executed by the machine. According to the invention, said means to determine salt availability comprise a sensing device (A,B,C,Q,MP) of the degree of water hardness from the mains and an electronic control unit (MP) for evaluating salt the consumption as a function of the degree of water hardness from the mains, said signal means (L) being activated, if necessary, by said control unit (MP) when the evaluated salt concentration reaches a defined threshold. <IMAGE>

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Cited by

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