

Title (en)

APPARATUS FOR CONTROLLING THE SUPPLY OF LIQUID DETERGENTS IN A WASHING MACHINE, PARTICULARLY A LAUNDRY WASHING MACHINE

Publication

EP 0331149 B1 19930107 (EN)

Application

EP 89103592 A 19890301

Priority

IT 4570888 A 19880302

Abstract (en)

[origin: EP0331149A2] Described is an apparatus for controlling the supply of liquid detergents to the tub of a laundry washer, adapted to establish preselected detergent concentrations in the water admitted to the tub. The apparatus comprises an electronic comparator (15) for comparing a preselected reference voltage generated by a control circuit (21) adjusted to a value corresponding to the degree of hardness of the water, to a voltage generated by one of two integrator circuits (17, 18) each having a different time constant, said integrator circuit being selected by an electric contact (10) of the programme timing control unit (6) of the machine for energizing or deenergizing a liquid detergent metering pump (12) via a pilot stage (13) connected to said comparator (15). Also described are two alternative embodiments of the invention.

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Cited by

EP1215329A3; EP1639175A4; US7971301B2; US8015645B2

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