

Title (en)

Process for water-softening and household-appliance, especially dishwasher, for carrying out this process.

Title (de)

Verfahren zur Wasserenthärtung und Haushaltsmaschine, insbesondere Geschirrspüler, zur Durchführung dieses Verfahrens.

Title (fr)

Procédé pour l'adoucissement et appareil ménager, notamment machine à laver la vaisselle, pour la mise en oeuvre de ce procédé.

Publication

EP 0517205 B1 19950830 (DE)

Application

EP 92109440 A 19920604

Priority

DE 4118586 A 19910606

Abstract (en)

[origin: EP0517205A1] A process for water softening and a household appliance or its water softening device suitable for carrying out this process are described. In order to save both water and salt, the capacity of the water softener is designed for several program sequences in the case of low hardness of the untreated water. The number of program sequences up to carrying out the next regeneration is determined as a function of the product of the quantity of water used and the water hardness to be reduced. The quantity of water is recorded by means of an impeller water meter (5) and the water hardness is recorded on an adjusting member (15). The regeneration signal (17) calculated initiates the operation. <IMAGE>

IPC 1-7

A47L 15/42

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP)

A47L 15/4229 (2013.01); **A47L 2401/023** (2013.01); **A47L 2401/11** (2013.01); **A47L 2501/34** (2013.01)

Cited by

WO2014174452A1; AU2003222524B2; DE10027844A1; EP1027859A3; EP0741990A3; EP0966914A3; ITTO20130338A1; CN105338873A; EP1785084A3; EP3228741A1; CN108699752A; DE19601072A1; DE19601072C2; ITTO20130339A1; US7988790B2; WO03087460A1; WO2014174451A1; WO2017174265A1; US9420937B2; EP2209409A1

Designated contracting state (EPC)

CH GB IT LI

DOCDB simple family (publication)

EP 0517205 A1 19921209; EP 0517205 B1 19950830; DE 4118586 A1 19921210; DE 4118586 C2 20030220

DOCDB simple family (application)

EP 92109440 A 19920604; DE 4118586 A 19910606