

Title (en)  
Improved washing machine.

Title (de)  
Verbesserte Waschmaschine.

Title (fr)  
Machine à laver améliorée.

Publication  
**EP 0425815 A2 19910508 (EN)**

Application  
**EP 90118538 A 19900927**

Priority  
IT 6781989 A 19890929

Abstract (en)  
Washing machine, particularly a domestic laundry- or dish-washer, comprising means which reduces the hardness of the water supplied to the machine and at least hardness sensor device for said water, characterized in that there are provided control means which, at least during a washing cycle, conditions the operation of the means which reduces the water hardness (2) in function of the result of the measuring effected by the sensor device (3) on the water which is supplied to the machine. <IMAGE>

IPC 1-7  
**A47L 15/42; D06F 39/00**

IPC 8 full level  
**A47L 15/42** (2006.01); **D06F 39/00** (2006.01)

CPC (source: EP US)  
**A47L 15/4229** (2013.01 - EP); **D06F 39/007** (2013.01 - EP US)

Cited by  
WO2011042341A1; GR1001227B; EP1582135A1; US8001811B2; GB2386381A; EP0741990A3; US2016326681A1; US11180887B2; GB2321588A; GB2321588B; EP0741991A1; EP0966914A3; GB2262541A; GB2262541B; DE102013206359A1; WO2006081878A1; WO2004058034A1

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**EP 0425815 A2 19910508; EP 0425815 A3 19910904; EP 0425815 B1 19940831**; DE 69012045 D1 19941006; DE 69012045 T2 19950126; ES 2058716 T3 19941101; IT 1232595 B 19920226; IT 8967819 A0 19890929

DOCDB simple family (application)  
**EP 90118538 A 19900927**; DE 69012045 T 19900927; ES 90118538 T 19900927; IT 6781989 A 19890929