

Title (en)  
Low water-usage, recirculation-type household clothes washing machine

Title (de)  
Haushaltwaschmaschine mit Wasserrückführung und niedrigem Wasserverbrauch

Title (fr)  
Machine à lessive du type à recirculation avec une baisse utilisation d'eau

Publication  
**EP 1295980 A1 20030326 (EN)**

Application  
**EP 02016697 A 20020726**

Priority  
IT PN20010067 A 20010920

Abstract (en)  
Household-type clothes washing machine with an external water-supply arrangement for letting water into the washing tub, a discharge manifold to which the water outlet pipe is connected, a sleeve connecting the bottom of the tub with said discharge manifold, a recirculation manifold provided between said discharge manifold and the tub. At the end of at least a water discharge phase, the machine carries out an emptying sub-phase in which the washing or rinsing liquor contained in the water outlet pipe is substantially ejected outside. This is obtained after a discharge phase when the level of the liquor in the discharge manifold is at a minimum level, by letting into the tub an additional amount of water so that this is pumped out, thereby releasing from the outlet pipe the water that was previously stagnating therein. <IMAGE>

IPC 1-7  
**D06F 39/08**

IPC 8 full level  
**D06F 39/08** (2006.01)

CPC (source: EP US)  
**D06F 39/083** (2013.01 - EP US)

Citation (search report)

- [XA] FR 1372338 A 19640911 - BOSCH GMBH ROBERT
- [XA] EP 0030602 A1 19810624 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by  
EP2559803A1; EP3382087A1; US11168434B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)  
**EP 1295980 A1 20030326; EP 1295980 B1 20041013**; AT E279566 T1 20041015; DE 60201565 D1 20041118; DE 60201565 T2 20051027; IT PN20010067 A1 20030320

DOCDB simple family (application)  
**EP 02016697 A 20020726**; AT 02016697 T 20020726; DE 60201565 T 20020726; IT PN20010067 A 20010920