

Title (en)

Method for the detergent recirculation in a washing machine.

Title (de)

Verfahren zum Zirkulieren von Waschmittel in einer Waschmaschine.

Title (fr)

Procédé pour la recirculation de détergent dans une machine à laver.

Publication

**EP 0677609 A3 19960501 (EN)**

Application

**EP 95105006 A 19950404**

Priority

IT TO940295 A 19940415

Abstract (en)

[origin: EP0677609A2] A method for re-circulating detergents in a laundry washing machine (1) comprising a washing tub (2), a basket (3) which rotates in said tub around a substantially horizontal axis, a drainage duct (4) of the washing liquid, having a mouth (4a) in proximity to the bottom of said tub (2), during the functioning of the machine which provides for at least one washing phase with the presence of liquid and detergents inside said tub (2), in said phase the basket (3) is placed in rotation at a determined washing speed (55 rpm). The main characteristic of the described method consists in that, with the aim of recovering the detergents gathered in said drainage duct (4), during said washing phase the passage to at least one brief spinning phase is provided, i.e. a rotating phase of the basket at a substantially higher speed (400 rpm) respect said determined washing speed (55 rpm), during said brief spinning phase part of the liquid is made to pass through an auxiliary duct (6) by way of its first extremity (8), in communication with said drainage duct (4), to its second extremity (6a), in communication with the inside of said tub (2) and arranged above the level (7) of the liquid in the tub (2) during the wash. <IMAGE>

IPC 1-7

**D06F 39/08**

IPC 8 full level

**D06F 39/08** (2006.01)

CPC (source: EP US)

**D06F 39/086** (2013.01 - EP US)

Citation (search report)

- [A] DE 3739037 A1 19890524 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] FR 2554467 A3 19850510 - ZANUSSI A SPA INDUSTRIE [IT]
- [A] FR 1091576 A 19550413 - PFENNINGSBERG GMBH MASCHFAB

Cited by

US8370980B2; EP2228483A1; EP2228482A1; EP0752493A1; EP1505194A3

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0677609 A2 19951018; EP 0677609 A3 19960501**; IT 1273148 B 19970704; IT TO940295 A0 19940415; IT TO940295 A1 19951015

DOCDB simple family (application)

**EP 95105006 A 19950404**; IT TO940295 A 19940415