

Title (en)

Process for cleaning dishes in multiple stage washing machines

Title (de)

Verfahren zum Reinigen von Geschirr in mehrstufigen Spülmaschinen

Title (fr)

Procédé de nettoyage de la vaisselle dans les machines à laver avec plusieurs étapes

Publication

EP 0560025 B1 19961227 (DE)

Application

EP 93100973 A 19930122

Priority

DE 4208030 A 19920313

Abstract (en)

[origin: EP0560025A1] Even in dish-washing appliances in the industrial sector, water is to be saved in the individual washing stages by recirculation. The clear water passes through the washing stages counter to the transporting direction of the dishes. The waste water of the pre-rinsing stage can be recycled in this stage after mechanical filtration. If it is also treated chemically, it can be reused in the clear rinsing stage. The separated substances occurring during filtration are collected with exclusion of air and disposed of at brief intervals.

IPC 1-7

A47L 15/24; **A47L 15/00**

IPC 8 full level

A47L 15/00 (2006.01); **A47L 15/24** (2006.01)

CPC (source: EP)

A47L 15/0002 (2013.01); **A47L 15/24** (2013.01); **A47L 15/4202** (2013.01); **A47L 15/4219** (2013.01); **A47L 2601/02** (2013.01)

Cited by

US8968483B2; US9186034B2; US8342194B2; US8491723B2; WO2007021786A3; WO2007024491A3; WO2009092404A1; US8157923B1; EP1743871B2

Designated contracting state (EPC)

AT BE CH DE IT LI NL

DOCDB simple family (publication)

EP 0560025 A1 19930915; **EP 0560025 B1 19961227**; AT E146662 T1 19970115; DE 4208030 A1 19930916; DE 59304846 D1 19970206

DOCDB simple family (application)

EP 93100973 A 19930122; AT 93100973 T 19930122; DE 4208030 A 19920313; DE 59304846 T 19930122