

Title (en)

METHOD FOR CLEANING, STERILISING AND DISINFECTING DISHES AND OTHER KITCHEN UTENSILS AND CLEANING DEVICE

Title (de)

VERFAHREN ZUM REINIGEN, ENTKEIMEN UND DESINFIZIEREN VON ESSGESCHIRR UND ANDEREN KÜCHENBEHELFSMITTELN UND REINIGUNGSVORRICHTUNG

Title (fr)

PROCEDE POUR NETTOYER, STERILISER ET DESINFECTER DE LA VAISSELLE ET D'AUTRES USTENSILES DE CUISINE ET DISPOSITIF DE NETTOYAGE

Publication

**EP 1899081 A1 20080319 (DE)**

Application

**EP 06742779 A 20060503**

Priority

- EP 2006004125 W 20060503
- AT 7572005 A 20050503

Abstract (en)

[origin: WO2006117201A1] The invention relates to a method for cleaning, sterilising and disinfecting dishes and other kitchen utensils by means of a wash liquid (5). In order to permit an economically and technically advantageous cleaning, an electrical current is directly applied to an electrode (15, 16), arranged in the wash liquid (5) and embodied as a diamond and/or lead-tin electrode, to generate OH radicals (14) in said wash liquid (5), which permit cleaning, sterilising and disinfecting of dishes and other kitchen utensils. The invention also relates to a device for carrying out said method, wherein an electrolytic cell (20) with a pair of electrodes (15, 16), comprising a diamond electrode for generating OH radicals (14), is directly integrated into a wash water circuit of a dishwasher (1).

IPC 8 full level

**B08B 3/10** (2006.01); **A47L 15/42** (2006.01); **D06F 35/00** (2006.01)

CPC (source: EP KR US)

**A47L 15/0002** (2013.01 - EP KR US); **A47L 15/4238** (2013.01 - EP KR US); **A47L 15/424** (2013.01 - EP KR US); **A47L 2601/06** (2013.01 - EP KR US); **A47L 2601/08** (2013.01 - EP KR US)

Citation (search report)

See references of WO 2006117201A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006117201 A1 20061109**; AT 502499 A4 20070415; AT 502499 B1 20070415; CN 101208158 A 20080625; EP 1899081 A1 20080319; JP 2008539836 A 20081120; KR 20080032024 A 20080414; RU 2007144503 A 20090610; US 2009032409 A1 20090205

DOCDB simple family (application)

**EP 2006004125 W 20060503**; AT 7572005 A 20050503; CN 200680019680 A 20060503; EP 06742779 A 20060503; JP 2008509375 A 20060503; KR 20077028197 A 20071203; RU 2007144503 A 20060503; US 91334106 A 20060503