

Title (en)
DISHWASHER

Title (de)
GESCHIRRSPÜLMASCHINE

Title (fr)
LAVE-VAISSELLE

Publication
EP 1696783 A1 20060906 (DE)

Application
EP 04804659 A 20041202

Priority
• EP 2004053239 W 20041202
• DE 10356785 A 20031204

Abstract (en)
[origin: WO2005053503A1] The aim of the invention is to create a dishwasher which allows the washed dishes located in the washing container to be dried effectively and efficiently from an economic perspective so as to keep the energy consumption as low as possible in spite of a very good drying performance. Said aim is achieved by a dishwasher (1) comprising a container (12) with a vaporizable and/or sublimable medium (16) and a sorber (10) with material (11) that can be reversibly dehydrogenated. Gas can be exchanged between the container (12) and the sorber (10). The sorber (10) is used directly for drying the dishes while the thermal energy used for desorbing the sorber (10) is used at least in part for heating the rinsing liquor and/or the dishes located in the washing container.

IPC 8 full level
A47L 15/48 (2006.01)

CPC (source: EP US)
A47L 15/481 (2013.01 - EP US)

Citation (search report)
See references of WO 2005053503A1

Cited by
DE102013019185A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005053503 A1 20050616; AT E526861 T1 20111015; DE 10356785 A1 20050707; EP 1696783 A1 20060906; EP 1696783 B1 20111005; ES 2370493 T3 20111216; PL 1696783 T3 20120330; US 2007157954 A1 20070712

DOCDB simple family (application)
EP 2004053239 W 20041202; AT 04804659 T 20041202; DE 10356785 A 20031204; EP 04804659 A 20041202; ES 04804659 T 20041202; PL 04804659 T 20041202; US 58165204 A 20041202