

Title (en)  
DOSING DEVICE

Title (de)  
DOSIERVORRICHTUNG

Title (fr)  
DISPOSITIF DE DOSAGE

Publication  
**EP 2291107 B1 20160622 (DE)**

Application  
**EP 09772015 A 20090701**

Priority  
• DE 2009000929 W 20090701  
• DE 102008030923 A 20080702

Abstract (en)  
[origin: WO201000245A1] Disclosed is a device (1) for dosing liquid detergents or rinsing agents (21, 22, 23) in dishwashers and/or washing machines, comprising at least one chamber (3, 4, 5) for storing the detergents or rinsing agents (21, 22, 23), and a replaceable unit. At least two units of quantity are stored in the respective chamber, one unit of quantity representing the quantity of detergent or rinsing agent (21, 22, 23) that is required for one washing cycle and is stored in the respective chamber (3, 4, 5). In order to be able to easily recycle the replaceable unit of the dosing device (1), a control unit (10) is provided for emptying the rest of detergent or rinsing agent (21, 22, 23) from at least one chamber (3, 4, 5).

IPC 8 full level  
**A47L 15/44** (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)  
**A47L 15/4418** (2013.01 - EP US); **D06F 39/022** (2013.01 - EP US)

Citation (opposition)  
Opponent : **Reckitt Benckiser Finish B.V.**  
• DE 102006043973 A1 20080327 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• WO 0229150 A1 20020411 - PROCTER & GAMBLE [US], et al  
• US 2007000291 A1 20070104 - FRANCE PAUL AMAAT RAYMOND GERA [US], et al  
• US 5573698 A 19961112 - MANDLER GUNTER [DE], et al  
• US 5474184 A 19951212 - MANDLER GUNTER [DE], et al  
• DE 102006043973 A1 20080327 - BSH BOSCH SIEMENS HAUSGERAETE [DE]  
• WO 0229150 A1 20020411 - PROCTER & GAMBLE [US], et al  
• US 2007000291 A1 20070104 - FRANCE PAUL AMAAT RAYMOND GERA [US], et al  
• US 5573698 A 19961112 - MANDLER GUNTER [DE], et al  
• US 5474184 A 19951212 - MANDLER GUNTER [DE], et al

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 201000245 A1 20100107**; CA 2726544 A1 20100107; DE 102008030923 A1 20100204; EP 2291107 A1 20110309;  
EP 2291107 B1 20160622; ES 2585568 T3 20161006; MX 2010014137 A 20110121; PL 2291107 T3 20170428; US 2011095049 A1 20110428

DOCDB simple family (application)  
**DE 2009000929 W 20090701**; CA 2726544 A 20090701; DE 102008030923 A 20080702; EP 09772015 A 20090701; ES 09772015 T 20090701;  
MX 2010014137 A 20090701; PL 09772015 T 20090701; US 98162410 A 20101230