

Title (en)  
MECHANICAL DOSING DEVICE

Title (de)  
MECHANISCHE DOSIERVORRICHTUNG

Title (fr)  
DISPOSITIF DE DOSAGE MECANIQUE

Publication  
**EP 1087689 A1 20010404 (DE)**

Application  
**EP 99931041 A 19990608**

Priority  

- DE 19827007 A 19980617
- EP 9903929 W 19990608

Abstract (en)  
[origin: DE19827007A1] The invention relates to a dosing device (13, 14) with a product reservoir (32) wherein the product is stored and product discharging means (29, 30; 47 to 49) which are arranged in their usual position on an industrial dishwasher (1). The aim of the invention is to reduce the installation requirements and to provide a dosing device which does not require any connections to a water or electricity supply. To this end, the dosing device (13, 14) has means (17, 18, 25 to 28; 50 to 52) which mechanically take up the closing motion of a door or a pivotable housing part (8) of the dishwasher (1) and mechanically transmit this movement to a product discharge means (29, 30; 47 to 49) in such a way that said product discharge means is moved in a manner corresponding to the closing motion, hereby directly causing a dose of the product stored in the reservoir (32) to be released into a tank (4) of the dishwasher (1).

IPC 1-7  
**A47L 15/44**

IPC 8 full level  
**A47L 15/42** (2006.01); **A47L 15/44** (2006.01)

CPC (source: EP)  
**A47L 15/44** (2013.01)

Citation (search report)  
See references of WO 9965377A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**DE 19827007 A1 19991230**; AU 4770799 A 20000105; AU 746952 B2 20020509; CA 2335199 A1 19991223; EP 1087689 A1 20010404;  
JP 2002518074 A 20020625; PL 344795 A1 20011119; WO 9965377 A1 19991223

DOCDB simple family (application)  
**DE 19827007 A 19980617**; AU 4770799 A 19990608; CA 2335199 A 19990608; EP 9903929 W 19990608; EP 99931041 A 19990608;  
JP 20000554261 A 19990608; PL 34479599 A 19990608