

Title (en)  
Dispenser device for liquid and/or powder agents, particularly for washing machines

Title (de)  
Waschmittelbehälter für flüssige und/oder puderförmige Waschmittel, insbesondere für Waschmaschinen

Title (fr)  
Distributeur de détergents pour des détergents liquides et/ou en poudre notamment pour des machines à laver

Publication  
**EP 0602572 B1 20020717 (EN)**

Application  
**EP 93120020 A 19931211**

Priority  
IT AL920004 A 19921216

Abstract (en)  
[origin: EP0602572A1] A dispenser device for liquid and/or powder agents for a washing machine is described, in particular a dispenser device (1) for a domestic dish-washing machine, of the type comprising a first (4) and a second (3,5) delivery device of washing agents which have to be introduced in a washing chamber at distinct moments and/or washing phases, the delivery of said washing agents being controlled from a command system comprising a single actuating device (19,20) and a kinematic element for the actuation at different times of the first (4) and of the second (3,5) delivery device. The main characteristic of the described dispenser device (1) is that the kinematic element (17,18) comprises a cam (27) which, after a first actuation of the actuating device (19,20), determines a movement of the kinematic element (17,18) being able to activate the functioning of the first delivery device (4) without causing the functioning of the second delivery device (3,5), while after a second actuation of the actuating device (19,20), said cam (27) determines a movement of the kinematic element (17,18) being able to activate the functioning of the second delivery device (3,5). <IMAGE>

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

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

CPC (source: EP)  
**A47L 15/4409** (2013.01)

Cited by  
WO2012117090A1; EP1847211A1; EP2062520A3; US11253135B2; EP0719517A3; EP1226779A3; EP2478819A1; ITTO20110051A1; US7823236B2; US7934623B2; US7832417B2; US7837802B2; IT201900015746A1; WO2007017749A1; WO2007017755A1; WO2021098167A1; US8166984B2; EP2062521A2; EP0780087A2; US9795274B2; US8261581B2; EP2062520A2; WO0173182A3; WO2012107886A1; EP2976983A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 0602572 A1 19940622; EP 0602572 B1 20020717**; DE 69332114 D1 20020822; DE 69332114 T2 20030320; IT 1265750 B1 19961202;  
IT AL920004 A0 19921216; IT AL920004 A1 19940617

DOCDB simple family (application)  
**EP 93120020 A 19931211**; DE 69332114 T 19931211; IT AL920004 A 19921216