

Title (en)

Automatic powdered detergent dispensing and metering system for washing machines

Title (de)

Automatische Vorrichtung zur Abgabe und Dosierung von Pulverwaschmitteln in Waschmaschinen

Title (fr)

Dispositif automatique de distribution et de dosage de lessive en poudre dans les machines à laver

Publication

EP 0611843 B1 19980520 (EN)

Application

EP 94102127 A 19940211

Priority

- IT BL930028 A 19931110
- IT UD930022 A 19930215
- IT UD930023 A 19930215

Abstract (en)

[origin: EP0611843A1] Automatic powdered detergent dispensing and metering system for washing machines, in particular dishwashing and clothes washing machines, comprising a reservoir (13) adapted to hold the powdered detergent (11), whose addition into the washing tank or tub (24; 681) of said machines occurs through a flow of air generated by pneumatic generator means (14, 46; 14) of a per se known type. The system comprises actuation means (16; 85) that may be embodied in a number of different ways, described in the patent specification, for determining the conveyance of the powdered detergent into the washing tank or tub (24; 681) when said pneumatic generator means (14, 46; 14) are operating. <IMAGE>

IPC 1-7

D06F 39/02; **A47L 15/44**

IPC 8 full level

A47L 15/44 (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)

A47L 15/4436 (2013.01 - EP); **D06F 39/026** (2013.01 - EP US)

Citation (examination)

FR 2593697 A1 19870807 - ELTEK SPA [IT]

Cited by

CN110485123A; EP1554970A1; CN109750454A; CN108729133A; EP0712599A1; NL9500254A; US5772785A; CN113195821A; US2010107704A1; US8584492B2; CN114052616A; US8210188B2; US8844325B2; US7578303B2; US11434597B2; EP0783264B1; KR101384759B1; EP3468441B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB LI NL SE

DOCDB simple family (publication)

EP 0611843 A1 19940824; **EP 0611843 B1 19980520**; AT E166401 T1 19980615; DE 69410309 D1 19980625; DE 69410309 T2 19990211; DK 0611843 T3 19990308; ES 2118990 T3 19981001

DOCDB simple family (application)

EP 94102127 A 19940211; AT 94102127 T 19940211; DE 69410309 T 19940211; DK 94102127 T 19940211; ES 94102127 T 19940211