

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

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Application

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Priority

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Abstract (en)

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>

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D06F 39/02; A47L 15/44

IPC 8 full level

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CPC (source: EP US)

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

Citation (search report)

- [XA] US 3188146 A 19650608 - CORDES BRANDON M
- [XA] EP 0386637 A1 19900912 - HENKEL KGAA [DE]
- [XA] EP 0165690 A2 19851227 - ECONOMICS LAB [US]

Cited by

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

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