

Title (en)

Device for washing laundry in a washing machine.

Title (de)

Vorrichtung zum Waschen von Wäsche in einer Waschmaschine.

Title (fr)

Dispositif pour le lavage du linge en machine.

Publication

EP 0329538 A1 19890823 (FR)

Application

EP 89400386 A 19890210

Priority

FR 8801658 A 19880211

Abstract (en)

[origin: US4944165A] Device for washing of fabric by machine having at least one filling orifice and ports for progressively releasing a liquid detergent into the fabric during washing. At least one solid product including additive ingredients useful for washing is located outside the main body of the device. These additive ingredients are likewise released progressively during washing. The solid product preferably comprises sodium perborate.

Abstract (fr)

Dispositif de lavage du linge en machine comportant au moins un orifice (5) de remplissage et des événements (7) pour la libération progressive d'un détergent liquide au sein du linge en cours de lavage ; au moins un produit solide (9) comprenant des ingrédients additionnels utiles au lavage est disposé à l'extérieur du dispositif (2) , lesdits ingrédients étant également libérés progressivement au cours du lavage . De préférence, le produit solide (9) comprend du perborate de sodium .

IPC 1-7

D06F 39/02

IPC 8 full level

C11D 17/04 (2006.01); **D06F 39/02** (2006.01); **D06M 23/02** (2006.01)

CPC (source: EP US)

D06F 39/024 (2013.01 - EP US)

Citation (search report)

- [A] GB 1307387 A 19730221 - LION FAT OIL CO LTD
- [A] US 4588080 A 19860513 - GINN MARTIN E [US]
- [APD] FR 2612955 A1 19880930 - PROCTER & GAMBLE [US]
- [AD] EP 0152359 A1 19850821 - PROCTER & GAMBLE [US]
- [AD] EP 0151549 A2 19850814 - PROCTER & GAMBLE [US]

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0329538 A1 19890823; EP 0329538 B1 19921216; AT E83514 T1 19930115; BR 8900639 A 19891010; CA 1319520 C 19930629; DE 68903844 D1 19930128; DE 68903844 T2 19930506; ES 2036351 T3 19930516; FR 2627199 A1 19890818; FR 2627199 B1 19900803; GR 3006787 T3 19930630; JP 2520469 B2 19960731; JP H024900 A 19900109; MX 172059 B 19931201; US 4944165 A 19900731

DOCDB simple family (application)

EP 89400386 A 19890210; AT 89400386 T 19890210; BR 8900639 A 19890213; CA 590697 A 19890210; DE 68903844 T 19890210; ES 89400386 T 19890210; FR 8801658 A 19880211; GR 920403275 T 19930114; JP 3350689 A 19890213; MX 1490489 A 19890210; US 30944889 A 19890210