

Title (en)

Dispensing device for dispensing a detergent when washing clothes in a washing machine by means of a solid detergent in the form of tablets.

Title (de)

Vorrichtung zum Spenden von Waschmitteltabletten in einer Waschmaschine während des Waschvorganges.

Title (fr)

Dispositif distributeur de tablettes de détergent dans une machine à laver pendant le lavage du linge.

Publication

EP 0479711 A1 19920408 (EN)

Application

EP 91610085 A 19911003

Priority

DK 242190 A 19901005

Abstract (en)

A detergent dispensing device to be used for machine washing of clothes by means of a solid detergent in the form of tablets which are inserted into the interior of the dispensing device before it is placed in the drum of the washing machine and the washing process is started, comprising a flexible fluid permeable bag (3) having a comparatively rigid mouthpiece (1), said mouthpiece defining an inlet opening (7) for the detergent. The bag (3) is further provided with a comparatively rigid closing part (2) adapted to be brought into releasable engagement with the mouthpiece (1) and having means (15, 21) for substantially closing the inlet opening (7) and that at least one of the two parts (1, 2) has means (6, 15) projecting into the bag (3) and keeping the respective adjacent portions of the bag (3) at a distance from each other when the parts (1, 2) engage each other. During use where the two parts engage each other and a detergent tablet is accommodated in the ring-shaped chamber (26) defined by the two parts (1, 2) and the flexible fluid permeable bag (3), the clothes to be washed will press the tablet against the spacer means (6, 15) with the flexible bag (3) as an intermediate layer, whereby the tablet is broken or crushed. The larger surface of the detergent provided by the crushing of the tablet causes a faster release of the detergent to the washwater. <IMAGE>

IPC 1-7

D06F 39/02

IPC 8 full level

D06F 39/02 (2006.01)

CPC (source: EP US)

D06F 39/024 (2013.01 - EP US)

Citation (search report)

- [AD] EP 0343070 A1 19891123 - PROCTER & GAMBLE [US]
- [AD] EP 0343069 A1 19891123 - PROCTER & GAMBLE [US]
- [A] DE 8801528 U1 19880317

Cited by

EP0846798A1; AU731315B2; EP0699410A1; CN111206395A; EP0628652A1; WO9824963A1; WO9840550A1; US6174848B1; US6301733B1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0479711 A1 19920408; EP 0479711 B1 19951220; DE 69115627 D1 19960201; DE 69115627 T2 19960515; DK 165759 B 19930111; DK 165759 C 19930614; DK 242190 A 19920406; DK 242190 D0 19901005; ES 2080932 T3 19960216

DOCDB simple family (application)

EP 91610085 A 19911003; DE 69115627 T 19911003; DK 242190 A 19901005; ES 91610085 T 19911003