

## Title (en)

Drum for washing machines and/or centrifugal dryers and its use in washing machines or centrifugal dryers.

## Title (de)

Trommel für Waschmaschinen und/oder Schleuderzentrifugen und Verwendung derselben in Waschmaschinen oder in Trockenzentrifugen.

## Title (fr)

Tambour pour machines à laver et/ouessoreuses de linge et utilisation de celui-ci dans des machines à laver ouessoreuses.

## Publication

**EP 0083302 A1 19830706 (DE)**

## Application

**EP 82810505 A 19821125**

## Priority

CH 766481 A 19811130

## Abstract (en)

1. A washing apparatus comprising a washing tube (10) with a loading opening at one end and a delivery funnel (11) at the other end and with a timed washing process and an automatic unloading cycle, the delivery funnel (11) opening towards a spinning drum (21) which comprises two drum floors (22, 23) which are arranged at a distance from one another and are connected to one another by a drum wall (24) perforated in the manner of a sieve and one of which comprises a filling opening (29) and the other of which is adapted for holding a bearing journal (26) for the pivot mounting of the drum (21), characterized in that the drum (21) is disposed in a housing (25) tiltably mounted on a pivot bearing (30) above the front drum wall (22) with the filling opening (29), in such a way that in a first operative position - with the drum (21) at a standstill or at most slowly rotating - the filling opening (29) rests on the delivery funnel (11) of the washing machine (10); in a second operative position, in which the axis of the drum extends horizontally, the drum (21) can be driven at a high rotational speed; and in a third operative position can be brought into an emptying position with the filling opening (29) orientated downwards, in which the items of washing are released from the drum wall (24) at a loosening speed, and the drum wall comprises a plurality of driving ribs (2 to 5) which are arranged parallel to its axis of rotation and constructed in the form of U-shaped raised portions and which consist of a resilient material at least in the region of the rear portion.

## Abstract (de)

In der Trommelwand (1) von Wasch-Schleuder-Maschinen oder von Schleuderzentrifugen sind Mitnehmerstege (2-5) aus einem elastischen Material befestigt. Die Höhe der Mitnehmerstege (2-5) über der Trommelwand (1) liegt in der Grössenordnung von 1/8 bis 1/12 des Trommeldurchmessers. Bei Schleuderdrehzahl drückt die von der Wäsche ausgeübte Zentripetalkraft die Mitnehmerstege zusammen. Damit verringert sich die in der Wäsche wirkende Zugkraft und die Wäsche wird nicht zerrissen. Bei abnehmender Drehzahl drücken die Mitnehmerstege infolge der Rückstellkraft die Wäsche von der Trommelwand weg, so dass sie gelockert werden und bei Taktwaschmaschinen selbsttätig infolge der Schwerkraft aus der Trommel herausfallen kann.

## IPC 1-7

**D06F 37/06**

## IPC 8 full level

**D06F 37/06** (2006.01); **D06F 95/00** (2006.01)

## CPC (source: EP)

**D06F 37/06** (2013.01); **D06F 95/00** (2013.01)

## Citation (search report)

- [X] DE 923247 C 19550207 - WESTINGHOUSE ELECTRIC CORP
- [X] DE 6606127 U 19701217 - BOSCH HAUSGERÄTE GMBH [DE]
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## Designated contracting state (EPC)

CH DE FR GB IT LI NL SE

## DOCDB simple family (publication)

**EP 0083302 A1 19830706; EP 0083302 B1 19860326; EP 0083302 B2 19880928;** CH 665232 A5 19880429; DE 3270167 D1 19860430

## DOCDB simple family (application)

**EP 82810505 A 19821125;** CH 766481 A 19811130; DE 3270167 T 19821125