

Title (en)
Drum type washing machine.

Title (de)
Trommelwaschmaschine.

Title (fr)
Machine à laver à tambour.

Publication
EP 0403042 A1 19901219 (EN)

Application
EP 90250150 A 19900608

Priority
JP 15369689 A 19890616

Abstract (en)
The drum type washing machine of the present invention is equipped with a drum (31) that is rotated around a horizontal axis of rotation where the drum (31) is formed by an outer wall (40) with a form obtained by mutually joining the large-diameter parts of two truncated cones with substantially the same form, and a plurality of beaters (43) are installed on the inner surface of the peripheral wall (40) of the drum (31) with a predetermined spacing in the circumferential direction of the drum (31), arranged centripetally along the peripheral wall (40) extending over the entire length of the drum (31) in the direction of the rotary shaft (33).

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Citation (search report)
• [X] AT 383626 B 19870727 - STEININGER EUDORAWERKE [AT]
• [X] DE 3728361 A1 19890309 - BOSCH SIEMENS HAUSGERAETE [DE]
• [A] US 2330421 A 19430928 - HABERSTUMP ALFRED H
• [XP] EP 0343096 A2 19891123 - MITSUBISHI HEAVY IND LTD [JP], et al

Cited by
CN108796996A; US6122843A; EP0787847A3; WO2008065690A1

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