Title (en)
Washing machine.

Title (de)
Waschmaschine.

Title (fr)
Machine à laver.

Publication
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Application
EP 90313989 A 19901220

Priority
JP 34233989 A 19891228

Abstract (en)
A washing machine for effectively washing a floorcloth, a mop or the like article (21) is disclosed. A housing (1) of the washing machine includes a washing chamber in which at least one rotary washer (8) is arranged. A plurality of flat beating blades each having excellent flexibility are mounted around a rotational shaft (45) of the rotary washer (8) in the axial direction of the same in parallel with each other while extending in the radial direction. As an article (21) to be washed is conveyed on a conveyor (7), it is first immersed in a bath of washing water and then reaches the rotary washer (8) so that the article (21) to be washed is repeatedly beaten by the foremost end parts of the beating blades (9) as the rotary washer (8) is rotationally driven by a motor (10). While a washing operation is performed, dirty water is splashed away from the washing article (21) and at the same time foreign matters such as dust or the like on the surface of the washing article (21) are removed therefrom. To enhance a washing effect, each of the beating blades (9) is molded of rubber or thermoplastic elastomer having excellent wear resistance. Alternatively, the beating blade (9) may be made of a leaf spring (50) with a beating piece (51) attached to the part of the beating blade (9) adapted to come in contact with the washing article (21). In addition, to enhance a washing effect remarkably, the part of the beating blade (9) adapted to come in contact with the washing article (21) is formed with a number of small projections (48). One surface of the beating blade (9) may be laminated with a film of plastic to improve a property of wear resistance of the beating blade (9). <IMAGE>

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