

Title (en)
Washing machine.

Title (de)
Waschmaschine.

Title (fr)
Machine à laver.

Publication
EP 0386724 A1 19900912 (EN)

Application
EP 90104340 A 19900307

Priority
IT 6715589 A 19890307

Abstract (en)
The present invention relates to a washing machine comprising a washing chamber (1) with a first hole (2) on its lower side connected to a drain pump (3) through a pipe (9), and with a second hole (4) connected to said drain pump (3) through a pipe (8), and inside said washing chamber (1) a drum (7) revolving around a horizontal axis; the main characteristic of the machine consists in that during washing the configuration of said revolving drum (7) produces an effect similar to that of a pump propeller, that said second hole (4) is located preferably at a level not over the one where is located said first hole (2), and that the washing chamber (1) is configured in such a way to have the pipe (8) connecting said second hole (4) to the drain pump (3) arranged tangentially to the drum rotation sense, so that when the drum (7) rotates it causes the washing fluid to enter said second hole (4) and said tangential pipe (8) with enough force to cause circulation of said fluid, which flows back into the washing chamber (1) through said first hole (2).

IPC 1-7
D06F 39/08

IPC 8 full level
D06F 39/08 (2006.01)

CPC (source: EP US)
D06F 39/086 (2013.01 - EP US)

Citation (search report)
• [A] DE 7813880 U1 19780824
• [AD] DE 2655556 A1 19780615 - MIELE & CIE
• [A] FR 1339811 A 19631011 - BAUKNECHT GMBH G

Cited by
EP2703537A1; EP2703546A1; CN104619903A; US9903065B2; US9777426B2; WO2014032926A1; WO2014032942A1

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
EP 0386724 A1 19900912; EP 0386724 B1 19940727; DE 69010936 D1 19940901; DE 69010936 T2 19941117; ES 2057220 T3 19941016; IT 1234975 B 19920609; IT 8967155 A0 19890307

DOCDB simple family (application)
EP 90104340 A 19900307; DE 69010936 T 19900307; ES 90104340 T 19900307; IT 6715589 A 19890307