

Title (en)

Electric motor-driven water pump for a washing machine

Title (de)

Elektromotorisch angetriebene Wasserpumpe für eine Waschmaschine

Title (fr)

Pompe à eau entraînée par un moteur électrique pour une machine à laver

Publication

EP 1887126 A1 20080213 (EN)

Application

EP 06118507 A 20060807

Priority

EP 06118507 A 20060807

Abstract (en)

An electric motor-driven water pump (1) for a washing machine, having: a pumping chamber (5) having an intake duct (11) and a drain duct (12); an impeller (6) housed inside the pumping chamber (5), rotating about a rotation axis (9), and having: a central hub (14) coaxial with the rotation axis (9), a round base plate (15) coaxial with the rotation axis (9) and surrounding the central hub (14), and a number of pumping blades (16), each connected at the bottom to the base plate (15) and laterally to the central hub (14); and an electric motor (7) having a revolving shaft (8) connected to the impeller (6) to rotate the impeller (6) about the rotation axis (9); each pumping blade (16) of the impeller (6) has a top edge (17) on the opposite side to the base plate (15), and which is curved so that an axial dimension of the pumping blade (16) substantially increases towards the rotation axis (9).

IPC 8 full level

D06F 39/08 (2006.01); **A47L 15/42** (2006.01); **F04D 13/06** (2006.01); **F04D 29/22** (2006.01)

CPC (source: EP US)

D06F 39/085 (2013.01 - EP US); **F04D 29/2216** (2013.01 - EP); **F04D 29/24** (2013.01 - EP); **D06F 2103/48** (2020.02 - EP US)

Citation (search report)

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