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Application
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Abstract (en)
[origin: WO03081051A1] A pump for dishwashers or washing machines comprising a motor (12), a pump body (13), a shaft, a fan (4) coupled to the shaft (3) by means of a recess (8) having viscous fluid inside, a coupling (5) having a fan holder (7) having a central bore to accommodate a shaft (3) , centrally connected to the shaft (3) in a tight fit fashion and that transmits the drive from the shaft (3) to the fan (4) , a fan housing (14) directing the suction and pumping of the fluids, a seal (2) provided on the fan holder (7) to provide non-friction movement of the fan holder (7) in the recess (8) , preventing the viscous fluid to escape from the housing (8) comprising a bore in its center, through which the shaft (3) passes and in which the shaft (3) rotates when the motor (12) starts up for the first time, without rotating itself and which starts to move as a single unit together with the shaft (3), the fan (4) and the fan holder (7) after the motor is started.

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