

Title (en)
ARRANGEMENT WITH A VENTILATOR AND A PUMP

Title (de)
ANORDNUNG MIT EINEM LUEFTER UND EINER PUMPE

Title (fr)
ENSEMBLE COMPRENANT UN VENTILATEUR ET UNE POMPE

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Application
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Abstract (en)
[origin: US2009074594A1] A compact arrangement features a fan (42'), a fluid pump (134), and an electric drive motor (106). The latter has a stator (22) having a stator winding (118) that is configured to generate a rotating field. The stator (22) has associated with it a permanent-magnet external rotor (106) for driving the fan (42'), and a permanent-magnet internal rotor (140) for driving the fluid pump (134). The stator winding (118) thus drives not only the rotor (106) of the drive motor and hence the fan (42'), but also the internal rotor (140) and hence the fluid pump (134). The arrangement is very well suited for combination with a fluid cooler (90).

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