

Title (en)
VACUUM PUMP

Title (de)
VAKUUMPUMPE

Title (fr)
POMPE À VIDE

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Application
EP 08804262 A 20080916

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Abstract (en)
[origin: WO2009037255A1] The invention relates to a vacuum pump (10) having a pump rotor (16), and active magnetic bearing (20,21), a safety bearing (22,23) associated with the magnetic bearing (20,21), an electric drive motor (18) having a motor stator having a plurality of stator coils (191,192,193) for driving the pump rotor (16), a brake relay (42) having a plurality of changers each having a base contact (62,63,64), a brake contact (44,45,46) and an operational contact (47,48,49), and a short circuit point (60) by way of which all brake contacts (44,45,46) of the brake relay (42) are directly connected to each other. All stator coils (191,192,193) are connected to the base contacts (62,63,64) of the changer, and can be connected directly to each other by way of the brake contacts (44,45,46) of the brake relay (42) and by way of the short circuit point (60), and can be connected to an inverter module (32) by way of the operational contacts (47,48,49).

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