Title (en)
    CURRENT LEADTHROUGH FOR A VACUUM PUMP

Title (de)
    STROMDURCHFÜHRUNG EINER VAKUUMPUMPE

Title (fr)
    PASSAGE DE COURANT DANS UNE POMPE À VIDE

Publication
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Application
    EP 08803341 A 20080828

Priority
    • EP 2008061335 W 20080828
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Abstract (en)
    [origin: TW200909688A] A vacuum pump comprises a vacuum-tight casing (10). The casing (10) accommodates a motor and a pump rotor and is provided with a pump inlet (11) and a pump outlet (12). The pump further comprises a current feedthrough including a circuit board (16). An inner side (18) of the circuit board (16) is arranged in abutment on an end face (14) of the wall of the casing (10) with interposition of a first sealing means (15), and an outer side (19) of the circuit board (16) is arranged in abutment on a vacuum cover (20) of the casing (10) with interposition of a second sealing means (21). According to the invention, it is provided that the first sealing means (15) and the second sealing means (21) are arranged with a lateral dis-placement relative to each other so that a partial region (22) of the circuit board (16) is on its outer side subjected to the atmospheric pressure and is on its inner side subjected to the generated vacuum.

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