

Title (en)
VACUUM PUMPING SYSTEM PROVIDED WITH A SOUNDPROOFING ARRANGEMENT

Title (de)
MIT EINER SCHALLSCHUTZANORDNUNG AUSGESTATTETES VAKUUMPUMPSYSTEM

Title (fr)
SYSTÈME DE POMPAGE À VIDE POURVU D'UN AGENCEMENT D'INSONORISATION

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Abstract (en)
The present invention relates to a vacuum pumping system (100) comprising a vacuum pump (10) and provided with a soundproofing arrangement (40, 50, 60). The vacuum pumping system of the invention comprises a vacuum pump (10) accommodated in a pump housing and a soundproofing hood (50) surrounding said pump housing and provided with a hood air inlet (52) and a hood air outlet (54). In order to improve dampening of the noise generated by the vacuum pumping system, one or more additional soundproofing shielding element(s) is/are provided between the hood air inlet and the pump housing air inlet and/or between the hood air outlet and the pump housing air outlet, respectively. In a preferred embodiment of the invention, said one or more additional soundproofing shielding element(s) is/are designed as a casing (40) surrounding said pump housing and provided with a casing air inlet (46) and a casing air outlet (48).

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