

Title (en)  
METHOD FOR COOLING A COMPRESSOR OR VACUUM PUMP AND A COMPRESSOR OR VACUUM PUMP APPLYING SUCH A METHOD

Title (de)  
VERFAHREN ZUR KÜHLUNG EINES KOMPRESSORS ODER EINER VAKUUMPUMPE SOWIE KOMPRESSOR ODER VAKUUMPUMPE MIT DEM VERFAHREN

Title (fr)  
PROCÉDÉ DE REFRIGÉRATION D'UN COMPRESSEUR OU D'UNE POMPE À VIDE ET COMPRESSEUR OU POMPE À VIDE APPLIQUANT UN TEL PROCÉDÉ

Publication  
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Application  
**EP 16787710 A 20160919**

Priority

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Abstract (en)  
[origin: WO2017049368A2] The present invention is directed to a compressor or vacuum pump comprising: - a casing 2 having a cooling gas inlet 3 and a cooling gas outlet 4 for allowing a cooling gas to flow therethrough; - a fan 12 mounted at the cooling gas inlet 3, comprising a fan housing 13 and configured to blow said cooling gas into said casing 2; - a compression or vacuum chamber 5 comprising a first housing 6, a process gas inlet 7 and outlet 8 for allowing a process gas to flow therethrough and at least one rotating element 9; - a driving module 15 comprising a second housing 16 and at least one bearing 17 for supporting said at least one rotating element 9; - a silencer 18 comprising a cover 19 and configured to attenuate noise generated by the compressor or vacuum pump 1; characterized in that said silencer 18 comprises a recess structure 20 on its cover 19, configured to deflect the cooling gas flow from the fan 12 towards the driving module 15.

IPC 8 full level  
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Citation (search report)  
See references of WO 2017049368A2

Cited by  
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DOCDB simple family (publication)  
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