

Title (en)  
VACUUM PUMP WITH SUCTION FILTER

Publication  
**EP 0396008 A3 19901227 (DE)**

Application  
**EP 90107820 A 19900425**

Priority  
DE 8905452 U 19890429

Abstract (en)  
[origin: EP0396008A2] The invention relates to a vacuum pump (1) which has a filter in the intake region; in order to precipitate particles down to a particle size of 1  $\mu$  m without considerably reducing the conductance, the filter is a nonwoven fabric containing stainless steel fibres; expediently, the filter is a sintered metal nonwoven fabric having a density of approximately 800 to 1000 g/m<sup>2</sup> and a porosity of more than 90 per cent.  
<IMAGE>

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP)  
**F04C 29/00** (2013.01); **F04D 29/701** (2013.01)

Citation (search report)  
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• [A] US 2846139 A 19580805 - BLOUNT JOSEPH W, et al  
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DOCDB simple family (publication)  
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