

Title (en)  
Cooling apparatus for vacuum pump

Title (de)  
Kühlvorrichtung für eine Vakuumpumpe

Title (fr)  
Appareil de refroidissement pour une pompe à vide

Publication  
**EP 1138948 A3 20020703 (EN)**

Application  
**EP 01106165 A 20010313**

Priority  
JP 2000085889 A 20000327

Abstract (en)  
[origin: EP1138948A2] A cooling apparatus, for cooling a vacuum pump, in which a cooler 44 is arranged on a rotor housing 12, a cooler 45 is arranged on a rear housing 14 and a drive unit 33, a cooler 46 is arranged on a controller 37, a cooler 47 is arranged on an inverter 38, and a cooler 48 is mounted on the peripheral surface of an electric motor M is disclosed. The coolers 46, 47, 48 are arranged midway in a main supply pipe 49. The coolers 44, 45, on the other hand, are arranged midway in a subsidiary supply pipe 50. The energization and deenergization of an electromagnetic three-way valve 51 arranged at the diverging point of the main supply pipe 49 and the subsidiary supply pipe 50 is controlled by the controller 37. <IMAGE>

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IPC 8 full level  
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**F04C 25/02** (2013.01 - KR); **F04C 29/04** (2013.01 - EP US); **F04C 25/02** (2013.01 - EP US); **F04C 2240/403** (2013.01 - EP US); **F04C 2270/19** (2013.01 - EP US)

Citation (search report)

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