

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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Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 181 (M - 1242) 30 April 1992 (1992-04-30)

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