

Title (en)
Turbomolecular pump

Title (de)
Turbomolekularpumpe

Title (fr)
Pompe turbomoléculaire

Publication
EP 0610666 B1 19980415 (EN)

Application
EP 94100312 A 19940111

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Abstract (en)
[origin: EP0610666A1] The present invention refers to a turbomolecular pump (turbo-pump) (1000) having a cold trap panel (414) wherein the trap panel contains an annular panel (416), a disk-shaped panel (420) and a supporting frame (418) that connects the annular panel (416) to the disk-shaped panel (420) such that these two panels are coaxially positioned relative to one another. The trap panel (414) is positioned within an inlet (410) to the turbo-pump (1000) and coaxially aligned with a main axis of an impeller shaft (404) thereof. Additionally, a heater (1002) is located proximate said trap panel (414) such that, when energized, the heater (1002) relatively quickly vaporizes any molecules adsorbed by the trap panel (414). <IMAGE>

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CPC (source: EP)
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Citation (examination)
DE 3512614 A1 19861016 - LEYBOLD HERAEUS GMBH & CO KG [DE]

Cited by
FR2723987A1; US5483803A; EP0819856A1; CN113906219A; US5901558A; US2011162678A1; US8727708B2; CN113924417A; EP0767307A1; FR2739574A1; US5720174A; US5887438A; FR3118651A1; WO2022148745A1

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