

Title (en)
VACUUM PUMP APPARATUS

Title (de)
VAKUUMPUMPENGERÄT

Title (fr)
APPAREIL DE POMPE À VIDE

Publication
EP 4067658 A2 20221005 (EN)

Application
EP 22164110 A 20220324

Priority
JP 2021054585 A 20210329

Abstract (en)
A vacuum pump apparatus capable of preventing a decrease in temperature of a pump casing due to heat transfer, and capable of maintaining a high temperature in a rotor chamber is disclosed. A side cover is provided between a pump casing and a motor housing. The side cover includes an inner wall portion forming an end surface of the rotor chamber, an outer wall portion located outwardly of the inner wall portion, and a narrow portion located between the inner wall portion and the outer wall portion. The inner wall portion, the outer wall portion, and the narrow portion are an integrally-formed structure, and the narrow portion has a cross-sectional area smaller than cross-sectional areas of the inner wall portion and the outer wall portion.

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Citation (applicant)
• JP 2003035290 A 20030207 - EBARA CORP
• JP 2012251470 A 20121220 - EBARA CORP

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