

Title (en)
VACUUM PUMP

Title (de)
VAKUUMPUMPE

Title (fr)
POMPE À VIDE

Publication
EP 3489516 B1 20210901 (DE)

Application
EP 17203509 A 20171124

Priority
EP 17203509 A 20171124

Abstract (en)
[origin: JP2019094896A] To improve performance of a vacuum pump, attain high suction performance particularly even in an initial stage of a suction process particularly under high pressure, and also attain feasible low final pressure.SOLUTION: A vacuum pump has one first operation pump portion (42), at least one second operation pump portion (44), and controllers (40, 46), wherein the controllers can switch a state of the operation pump portion between a serial connection state and a parallel connection state.SELECTED DRAWING: Figure 1

IPC 8 full level
F04C 23/00 (2006.01); **F04B 37/14** (2006.01); **F04B 41/06** (2006.01); **F04B 49/06** (2006.01); **F04C 18/344** (2006.01); **F04C 25/02** (2006.01); **F04C 28/02** (2006.01); **F04C 28/06** (2006.01)

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Citation (examination)

- DE 4243793 A1 19940630 - ZWETKOW ZWETKO [DE], et al
- JP S57157785 U 19821004
- DE 4001668 A1 19901115 - MEDIZIN LABORTECHNIK VEB K [DD]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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DOCDB simple family (application)
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