

Title (en)

Lubricating system for regenerative vacuum pumps

Title (de)

Schmierungsvorrichtung für Seitenkanalvakuumpumpen

Title (fr)

Dispositif de lubrification pour pompes à vide régénératives

Publication

**EP 1267082 A3 20031015 (EN)**

Application

**EP 02253949 A 20020606**

Priority

GB 0114397 A 20010613

Abstract (en)

[origin: EP1267082A2] In a vacuum pump of the regenerative type or including a regenerative section in which a rotatable substantially vertical shaft is supported by upper and lower bearings, a lubricating system for lubricating the bearings comprising an axial bore extending along the shaft and in communication with radial holes aligned respectively with the lower bearing and the upper bearing, the lower open end of the axial bore extending in to a shaft reservoir containing lubricating fluid, and in which the radial holes in alignment with the lower bearing are formed in a tapered surface of the axial bore <IMAGE>

IPC 1-7

**F04D 29/06**; **F04D 23/00**

IPC 8 full level

**F04D 29/063** (2006.01); **F04D 19/04** (2006.01); **F04D 23/00** (2006.01); **F04D 29/06** (2006.01)

CPC (source: EP US)

**F04D 17/168** (2013.01 - EP US); **F04D 23/008** (2013.01 - EP US); **F04D 29/063** (2013.01 - EP US)

Citation (search report)

- [A] FR 2136664 A5 19721222 - LEYBOLD HERAEUS VERWALTUNG
- [A] GB 923779 A 19630418 - LICENTIA GMBH

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DOCDB simple family (publication)

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