

Title (en)
Vane type vacuum pump

Title (de)
Flügelzellenvakuumpumpe

Title (fr)
Pompe à vide à palettes

Publication
EP 1108892 B1 20040204 (DE)

Application
EP 00125863 A 20001125

Priority
DE 19961317 A 19991218

Abstract (en)
[origin: EP1108892A2] The pump has a ventilation channel (9) connecting the pump interior (3a) to the atmosphere. A lubricant feed pipe (6) has a section (6a), which partially extends through the pump drive shaft (3b), and the ventilation channel opens into this section. During a complete rotation of the drive shaft, this feed pipe section overlaps via an angle segment only, with another feed pipe section (6c). This second section extends in the pump housing area (3c) surrounding the drive shaft, and opens into the pump interior.

IPC 1-7
F04C 18/344; **F04C 29/02**

IPC 8 full level
F04C 18/344 (2006.01); **F04C 28/28** (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP)
F04C 28/28 (2013.01); **F04C 29/028** (2013.01)

Cited by
WO2006122516A1; US2018050674A1; DE102005031718A1; CN107002682A; EP1850007A4; EP2634431A1; FR2815088A1; DE10194275B4; CN102410223A; CN104105882A; US10696280B2; US9739269B2; WO2006024872A1; WO2018016235A1; WO2005001293A1; WO2013084100A1; US8469684B2; US9017051B2; US7458792B2; US10443599B2; WO2007000129A1; WO0230726A1; WO2018016234A1; EP2788628A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1108892 A2 20010620; **EP 1108892 A3 20020417**; **EP 1108892 B1 20040204**; DE 19961317 C1 20010628; DE 50005187 D1 20040311

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