

Title (en)
Vacuum pump

Title (de)
Vakuumpumpe

Title (fr)
Pompe à vide

Publication
EP 2662570 B1 20151209 (DE)

Application
EP 13002418 A 20130507

Priority
DE 102012009419 A 20120511

Abstract (en)
[origin: EP2662570A1] The pump has an overhauling freewheel arranged adjacent to a slide bearing between a drive shaft (2) and an eccentric disk. An electric drive works on the eccentric disk that is supported on the drive shaft. A rotor of the electric drive is rigidly connected with the eccentric disk, and a stator is rigidly connected with a pump housing (1). An inner ring of the freewheel is arranged on the disk adjacent to the drive shaft. The freewheel is arranged between the drive shaft and a drive wheel. A bearing bolt (5) is arranged in an adapter that has a centering bolt.

IPC 8 full level
F04C 25/02 (2006.01); **F04C 18/332** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)
F04C 18/332 (2013.01); **F04C 25/02** (2013.01); **F04C 29/0057** (2013.01)

Cited by
CN106050648A; CN113217381A

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

DOCDB simple family (publication)
DE 102012009419 B3 20130725; EP 2662570 A1 20131113; EP 2662570 B1 20151209

DOCDB simple family (application)
DE 102012009419 A 20120511; EP 13002418 A 20130507