

Title (en)
Shaft seal for a vacuum pump

Title (de)
Wellendichtung für eine Vakuumpumpe

Title (fr)
Joint d'arbre pour une pompe à vide

Publication
EP 2431613 A3 20160406 (DE)

Application
EP 11007002 A 20110827

Priority
DE 102010045881 A 20100917

Abstract (en)
[origin: EP2431613A2] The vacuum pump (1) comprises two chambers, where one chamber is arranged between the room walls (8), where a shaft (10) arranged in an opening of the wall. The shaft supporting bearings (12,22) is arranged in the chamber, where an intercepting groove is arranged for the shaft. The chamber has a radially arranged boundary surface.

IPC 8 full level
F04C 27/00 (2006.01); **F04C 29/02** (2006.01)

CPC (source: EP)
F04C 27/009 (2013.01); **F04C 29/021** (2013.01); **F04C 29/028** (2013.01); **F01C 17/02** (2013.01); **F04C 29/0064** (2013.01); **F04C 2220/10** (2013.01); **F04C 2240/30** (2013.01); **F04C 2240/809** (2013.01)

Citation (search report)

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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

Designated extension state (EPC)
BA ME

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