

Title (en)

Pumping unit and corresponding heating device

Title (de)

Pumpeinheit und entsprechende Heizvorrichtung

Title (fr)

Unité de pompage et dispositif de chauffage correspondant

Publication

**EP 2058521 B1 20110323 (FR)**

Application

**EP 08168232 A 20081104**

Priority

FR 0758936 A 20071109

Abstract (en)

[origin: EP2058521A1] The unit (1) has a single staged dry vacuum pump (2) e.g. single staged bilobed root pump, including a compression stage body (13) provided with gas inlet and outlet (15, 17). A heating unit has removable heating resistors (24, 29) arranged at the inlet and the outlet, respectively, in planes that are parallel between them and are perpendicular to directions (19, 21) of gas to be pumped to heat the body by thermal diffusion between the inlet and the outlet, where the resistors are in the form of circular arc shaped bands.

IPC 8 full level

**F04C 29/04** (2006.01); **F04C 18/12** (2006.01)

CPC (source: EP KR)

**F04B 37/16** (2013.01 - KR); **F04B 53/00** (2013.01 - KR); **F04C 29/04** (2013.01 - EP); **F04C 18/126** (2013.01 - EP); **F04C 2220/12** (2013.01 - EP); **F04C 2220/30** (2013.01 - EP); **F04C 2280/02** (2013.01 - EP)

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2058521 A1 20090513**; **EP 2058521 B1 20110323**; AT E503113 T1 20110415; DE 602008005690 D1 20110505; FR 2923556 A1 20090515; KR 101487021 B1 20150128; KR 20090048359 A 20090513

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