

Title (en)

Automotive vacuum vane pump

Title (de)

Flügelzellen-Vakuumpumpe für Kraftfahrzeuge

Title (fr)

Pompe à vide à ailettes pour automobile

Publication

EP 2299055 B1 20141112 (EN)

Application

EP 09170219 A 20090914

Priority

EP 09170219 A 20090914

Abstract (en)

[origin: EP2299055A1] The invention refers to an automotive vacuum vane pump (10), comprises a housing (40) with a radially moveable rotor vane (20), wherein the vane (20) consists of at least two components, i.e. a vane body (22) and one or two vane tips (24) at the end of the vane, The vane (20) abuts a pump chamber wall (44), separating the pump chamber (44) in an intake room (45) and a pressure room (46).

IPC 8 full level

F01C 21/08 (2006.01); **F04C 18/344** (2006.01)

CPC (source: EP)

F01C 21/0881 (2013.01); **F04C 18/3442** (2013.01); **F04C 2220/10** (2013.01); **F05C 2201/903** (2013.01); **F05C 2253/04** (2013.01)

Cited by

CN105156324A; CN105114308A

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2299055 A1 20110323; EP 2299055 B1 20141112

DOCDB simple family (application)

EP 09170219 A 20090914