

Title (en)

Power device with a supply chamber

Title (de)

Leistungsg r t mit einem Zuf hrraum

Title (fr)

Dispositif de puissance avec chambre d'admission

Publication

**EP 2418358 A3 20141008 (EN)**

Application

**EP 11006045 A 20110723**

Priority

PL 39192110 A 20100723

Abstract (en)

[origin: EP2418358A2] The power device including a supply chamber, supply conduits and gas off takes as well as a rotor characterized in that the supply chamber (3) has in fact a circular shape in a cross-section and in an outlet chamber there is placed a sleeve (5) equipped with at least two ports (6) at the end from the side of rotor, directed to the centre of chamber and located opposite each other, with a circular or elliptic cross-section, however the diameter of supply chamber (3) makes up from 1.01 to 5.00 of rotor diameter (7)

IPC 8 full level

**F01D 1/32** (2006.01); **F01D 1/36** (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP)

**F01D 1/32** (2013.01); **F01D 9/047** (2013.01); **F01D 9/048** (2013.01)

Citation (search report)

- [X] US 578759 A 18970316
- [XA] JP 2008128126 A 20080605 - NTN TOYO BEARING CO LTD
- [I] GB 743515 A 19560118 - CHRISTOPHER AVERY SCHELLENS

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

DOCDB simple family (publication)

**EP 2418358 A2 20120215**; **EP 2418358 A3 20141008**; PL 391921 A1 20120130

DOCDB simple family (application)

**EP 11006045 A 20110723**; PL 39192110 A 20100723