

Title (en)

CONTROL OF GAP LOSS FLOW IN A GEAR MACHINE

Title (de)

SPALTVERLUSTSTROMSTEUERUNG EINER DREHKOLBEN- ZAHNRADMASCHINE

Title (fr)

COMMANDE DU COURANT DE FUITE D'INTERVALLE D'UNE MACHINE A ENGRENAGES

Publication

EP 1749145 A1 20070207 (DE)

Application

EP 05756080 A 20050519

Priority

- DE 2005000934 W 20050519
- DE 102004026048 A 20040525

Abstract (en)

[origin: WO2005116403A1] The invention relates to a rotating piston machine, with a drive rotor (4) and a driven rotor (3), the rotation axes of which include a given axial angle and the teeth of which engage, whereby one of the rotors may be axially adjusted within the housing (1, 2) and is tensioned by an adjustment force, opposing the force generated by the working pressure and whereby an appropriate displacement of the rotor generates a short-circuit gap between the teeth of the rotors.

IPC 8 full level

F01C 3/08 (2006.01)

CPC (source: EP US)

F01C 3/08 (2013.01 - EP US); **F04C 2230/601** (2013.01 - EP US); **F04C 2240/50** (2013.01 - EP US)

Citation (search report)

See references of WO 2005116403A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005116403 A1 20051208; DE 102004026048 A1 20051229; EP 1749145 A1 20070207; EP 1749145 B1 20130717; ES 2425363 T3 20131015; JP 2008500482 A 20080110; JP 5244385 B2 20130724; US 2007253851 A1 20071101

DOCDB simple family (application)

DE 2005000934 W 20050519; DE 102004026048 A 20040525; EP 05756080 A 20050519; ES 05756080 T 20050519; JP 2007513674 A 20050519; US 59743605 A 20050519