

Title (en)
TURBO-MACHINE AND METHOD FOR OPERATING THE SAME

Title (de)
STRÖMUNGSMASCHINE UND VERFAHREN ZUM BETRIEB EINER STRÖMUNGSMASCHINE

Title (fr)
TURBOMACHINE ET PROCEDE D'UTILISATION DE CELLE-CI

Publication
EP 1584132 A1 20051012 (DE)

Application
EP 03782430 A 20031217

Priority
• EP 03782430 A 20031217
• EP 0314417 W 20031217
• EP 03000726 A 20030113

Abstract (en)
[origin: EP1437822A1] A flow channel (7) operates for an action fluid (A) containing ions (27), by which a rotor (3) is driven. A magnet (9) generates a preset magnetic field (B) in the flow channel, through which the action fluid with ions flows. A defined magnetic field is generated in the flow channel and ions are deflected in the magnetic field. An Independent claim is also included for a method for operating a turbo-engine with a rotor, a stator and a flow channel.

IPC 1-7
H02K 44/00; **F01D 1/04**

IPC 8 full level
F01D 1/04 (2006.01); **F01D 15/10** (2006.01); **H02K 44/00** (2006.01)

CPC (source: EP US)
F01D 15/10 (2013.01 - EP US); **H02K 44/00** (2013.01 - EP US); **F05D 2270/172** (2013.01 - EP US); **Y02T 50/60** (2013.01 - EP US)

Citation (search report)
See references of WO 2004064230A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
EP 1437822 A1 20040714; AU 2003290069 A1 20040810; CN 1739229 A 20060222; EP 1584132 A1 20051012; US 2006091731 A1 20060504; US 7304396 B2 20071204; WO 2004064230 A1 20040729

DOCDB simple family (application)
EP 03000726 A 20030113; AU 2003290069 A 20031217; CN 200380108740 A 20031217; EP 0314417 W 20031217; EP 03782430 A 20031217; US 54199505 A 20050712