

Title (en)
THRUST-COMPENSATING PROCESS AND DEVICE FOR TURBOMACHINES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM SCHUBAUSGLEICH BEI EINER TURBOMASCHINE

Title (fr)
PROCEDE ET DISPOSITIF COMPENSATEURS DE LA POUSSEE D'UNE TURBOMACHINE

Publication
EP 0891471 A1 19990120 (DE)

Application
EP 97918065 A 19970402

Priority
• DE 9700674 W 19970402
• DE 19614335 A 19960411

Abstract (en)
[origin: US6213710B1] A method for thrust compensation on a corresponding turbomachine, in particular a turbo engine of pot-type construction. The turbomachine has an outer casing and an inner casing or blade carrier. At least one first area of an exterior of part of the inner casing is divided for axial thrust compensation into two partial areas for axial thrust compensation. Each of the two partial areas is subjected to a different pressure and the separation between the two pressures is brought about by at least one means, in particular a seal.

IPC 1-7
F01D 25/26; **F01D 3/04**

IPC 8 full level
F01D 3/04 (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP KR US)
F01D 3/04 (2013.01 - EP US); **F01D 25/26** (2013.01 - KR); **F01D 25/265** (2013.01 - EP US)

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

DOCDB simple family (publication)
WO 9738209 A1 19971016; AT E219816 T1 20020715; CN 1081724 C 20020327; CN 1215449 A 19990428; CZ 326498 A3 19990217; DE 59707599 D1 20020801; EP 0891471 A1 19990120; EP 0891471 B1 20020626; JP 2000508040 A 20000627; KR 20000005303 A 20000125; PL 183594 B1 20020628; PL 329236 A1 19990315; RU 2175721 C2 20011110; US 6213710 B1 20010410

DOCDB simple family (application)
DE 9700674 W 19970402; AT 97918065 T 19970402; CN 97193662 A 19970402; CZ 326498 A 19970402; DE 59707599 T 19970402; EP 97918065 A 19970402; JP 53574197 A 19970402; KR 19980708015 A 19981009; PL 32923697 A 19970402; RU 98120399 A 19970402; US 17018398 A 19981013