

Title (en)
Rotating machine with axial thrust

Title (de)
Rotierende Maschine mit Axialschub

Title (fr)
Machine rotative à poussée axiale

Publication
EP 0703366 B1 19981118 (FR)

Application
EP 95402111 A 19950919

Priority
FR 9411365 A 19940923

Abstract (en)
[origin: EP0703366A1] The machine has a rotary thrust element (32) and a coupling wall (34) connected to its rotor shaft (16) by a single tubular connector (30). The machine itself consists of a stator (2), a rotor (4) which turns about a horizontal axis and a coupling balancer (8). The stator has two bearings (10,12) to support the rotor, and an axial thrust member (14), while the rotor has a shaft (16) with two bearing supports (18,20) and a working section (22) between them.

IPC 1-7
F04D 29/04; **F01D 25/16**

IPC 8 full level
F01D 25/16 (2006.01); **F04D 29/04** (2006.01)

CPC (source: EP)
F01D 25/168 (2013.01); **F04D 29/0513** (2013.01); **F04D 29/054** (2013.01)

Cited by
CN102449267A; RU2482336C1; WO2010112509A3

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 0703366 A1 19960327; **EP 0703366 B1 19981118**; DE 69506069 D1 19981224; DE 69506069 T2 19990520; FR 2724974 A1 19960329; FR 2724974 B1 19961122; NO 953728 D0 19950921; NO 953728 L 19960325

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