

Title (en)
Turbomachine housing

Title (de)
Gehäuse für Strömungsmaschinen

Title (fr)
Boîtier de turbomachine

Publication
EP 1394366 B1 20070307 (DE)

Application
EP 02019178 A 20020902

Priority
EP 02019178 A 20020902

Abstract (en)
[origin: EP1394366A1] The housing has a rotor chamber, a bearing chamber (4) for a rotor shaft (5), and a second rotor chamber (3). The housing section enclosing the bearing chamber is formed at least partially with the housing section enclosing at least one of the rotor chambers. All three chambers may be enclosed by an integrated housing. The bearing chamber is a sleeve larger than the diameter of the shaft, to accommodate a bearing. The housing has an integral intake socket to supply gas to a feed channel (6,7).

IPC 8 full level
F01D 25/24 (2006.01); **F02B 39/00** (2006.01); **F01D 9/02** (2006.01); **F01D 25/28** (2006.01); **F02C 6/12** (2006.01); **F04D 29/42** (2006.01)

CPC (source: EP US)
F01D 9/026 (2013.01 - EP US); **F01D 25/24** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US)

Cited by
WO2005045201A1; CN102105698A; DE102008057878A1; EP2336495A1; EP1766235A4; US8105025B2; WO2009033549A1; US8062006B2; WO2009144102A1; WO2009149798A1

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