

Title (en)

CAST HOUSING FOR THE EXHAUST GAS CONNECTION PIECE OF A TURBO MACHINE, IN PARTICULAR A STEAM TURBINE

Title (de)

GUSSGEHÄUSE FÜR EINEN ABGASSTUTZEN EINER STRÖMUNGSMASCHINE, INSBESONDERE EINER DAMPFTURBINE

Title (fr)

CARTER FONDU POUR TUBULURE DE GAZ D'ECHAPPEMENT DE TURBOMACHINE, NOTAMMENT TURBINE A VAPEUR

Publication

EP 0839261 B1 20001004 (DE)

Application

EP 96922755 A 19960708

Priority

- DE 9601231 W 19960708
- DE 19526392 A 19950719
- DE 19615011 A 19960416

Abstract (en)

[origin: WO9704218A1] The invention concerns a component (6, 7, 29) for the exhaust gas connection piece (2) of a turbo machine (1), in particular a steam turbine (1), and a bearing (3) for the turbo machine (1), which bearing is disposed in the exhaust gas connection piece (2). The component (6, 7) is integrally cast and has a connection piece part (8, 9) and/or a bearing part (10, 11) for accommodating the bearing (3). The component also has a carrier arm arrangement (12, 21) with at least one carrier arm (12, 21). There is further provided piping (13, 16, 17, 22, 23, 24) which passes through a connection piece part (8, 9), a carrier arm (12, 21) and a bearing part (10, 11) and is cast in the component (6, 7, 29). The invention further concerns an assembly comprising at least two such components (6, 7, 29) which form an exhaust gas connection piece (2) and a frame for the bearing (3) of the turbo machine (1).

IPC 1-7

F01D 9/06; **F01D 25/16**; **F01D 25/30**

IPC 8 full level

F01D 9/06 (2006.01); **F01D 25/16** (2006.01); **F01D 25/30** (2006.01)

CPC (source: EP KR)

F01D 9/06 (2013.01 - KR); **F01D 9/065** (2013.01 - EP); **F01D 25/162** (2013.01 - EP); **F01D 25/30** (2013.01 - EP); **F05D 2300/111** (2013.01 - EP)

Designated contracting state (EPC)

CH DE ES FR GB IT LI SE

DOCDB simple family (publication)

WO 9704218 A1 19970206; CN 1092749 C 20021016; CN 1191006 A 19980819; CZ 290254 B6 20020612; CZ 9998 A3 19980513; DE 19615011 A1 19970123; DE 59605966 D1 20001109; EP 0839261 A1 19980506; EP 0839261 B1 20001004; ES 2152536 T3 20010201; JP 3869009 B2 20070117; JP H11509291 A 19990817; KR 19990029031 A 19990415; PL 181549 B1 20010831; PL 324519 A1 19980608; RU 2162948 C2 20010210; UA 39224 C2 20010615

DOCDB simple family (application)

DE 9601231 W 19960708; CN 96195565 A 19960708; CZ 9998 A 19960708; DE 19615011 A 19960416; DE 59605966 T 19960708; EP 96922755 A 19960708; ES 96922755 T 19960708; JP 50614397 A 19960708; KR 19980700334 A 19980116; PL 32451996 A 19960708; RU 98102921 A 19960708; UA 98010279 A 19960708