

Title (en)
Support for a low pressure steam turbine

Title (de)
Abstützung einer Niederdruck-Dampfturbine

Title (fr)
Support pour turbine à vapeur à basse pression

Publication
EP 0751283 B1 20021002 (DE)

Application
EP 96810367 A 19960606

Priority
DE 19523923 A 19950630

Abstract (en)
[origin: EP0751283A2] The concrete foundation (14) has a recess (15) for accommodating the low-pressure steam turbine, esp. the lower part (7) of its outer housing (1). The housing is formed as a steel casing for the concrete foundation. Bearing positions (10) are provided on both sides with corresponding support bearings (11) for the turbine rotor. A condenser is connected laterally to the outer housing. The dividing plane (8) of the upper and lower parts (6,7) of the outer housing is located at the height of the axis (9) of the turbine rotor (4) and the concrete foundation extends to this plane. Both the lower part of the outer housing and the bearing positions of the turbine rotor are fixed in the concrete foundation.

IPC 1-7
F01D 25/28; F01D 25/26; F01D 25/24; F01D 25/22; F01K 11/02

IPC 8 full level
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CPC (source: EP US)
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Cited by
EP2551471A4; CN106499451A; EP2832959A1; CN105378233A; EP2666975A4; US9726045B2; EP1046789A1; WO2015014681A1

Designated contracting state (EPC)
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