

Title (en)

TURBOMACHINE COMPRISING A ROTOR AND A CASING

Title (de)

STRÖMUNGSMASCHINE UMFASSEND EINEN ROTOR UND EIN GEHÄUSE

Title (fr)

TURBOMACHINE COMPRENANT UN ROTOR ET UN BOÎTIER

Publication

EP 2852743 A1 20150401 (DE)

Application

EP 13745011 A 20130724

Priority

- EP 12181150 A 20120821
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Abstract (en)

[origin: EP2700798A1] The machine i.e. steam turbine (1), has a rotor (3) rotatably supported around a rotational axis (2) and comprising moving blades. A housing is arranged around the rotor and comprises guide vanes and two bearings (13, 14) for supporting the rotor. One of the bearings is arranged in front of a final moving blade stage (7) in a flow direction and comprises a bearing housing (17) and a carrier (19) that is designed as the guide vanes. A diffuser (20) is arranged after the final moving blade stage in the flow direction. The rotor is supported on a base (12) over the bearings.

IPC 8 full level

F02C 7/06 (2006.01); **F01D 9/06** (2006.01)

CPC (source: EP KR US)

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