

Title (en)

Sealing device for leaks to the atmosphere of a steam turbine

Title (de)

Abdichtungsvorrichtung für Leck in der Atmosphäre bei einer Dampfturbine

Title (fr)

Dispositif d'étanchéité des fuites à l'atmosphère d'une turbine à vapeur

Publication

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Application

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Priority

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Abstract (en)

[origin: EP0620359A1] The subject of the invention is a device for sealing against leaks to the atmosphere from a steam turbine, of the type including a rotor (2) located in a chamber (1), means (3) for sealing against steam at each point where the rotor (2) leaves the said chamber (1) and means (4) for supporting the rotor (2) at each of its ends, these latter means being formed by oil bearings including a cap (5) and means (6) for sealing the point where the rotor (2) passes through each of the said bearings (4). The device includes means (10) for overpressurising each zone delimited, where the rotor (2) passes through, by the chamber (1) of the turbine and by the cap (5) of the adjacent bearing (4) so as to seal against leaks of steam and/or oil throughout the operation of the said turbine. <IMAGE>

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