

Title (en)
TURBO-MACHINE COMPRISING A SEALING SYSTEM FOR A ROTOR

Title (de)
STRÖMUNGSMASCHINE MIT EINEM DICHTSYSTEM FÜR EINEN ROTOR

Title (fr)
TURBOMACHINE COMPORTANT UN SYSTEME D'ETANCHEITE POUR UN ROTOR

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Abstract (en)
[origin: WO0070193A1] The invention relates to a turbo-machine (1) comprising a rotor (25) that extends along a rotational axis (15). Said rotor (25) has a peripheral surface (31) which is defined by the outer radial delimitation surface of the rotor (25) and has a receiving structure (33) as well as a first moving blade (13A) and a second moving blade (13B). Each moving blade comprises a blade footing (43A, 43B) and a blade platform (17A, 17B). The blade platform (17A) of the first moving blade (13A) and the blade platform (17B) of the second moving blade (13B) border one another, and a gap (49) is formed between the blade platforms (17A, 17B) and the peripheral surface (31). A sealing system (51) is provided in the gap (49) on the peripheral surface (31).

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