

Title (en)

Sealing device, axial turbine and power plant

Title (de)

Abdichtungsvorrichtung, Axialturbine und Kraftwerk

Title (fr)

Dispositif d'étanchéité, turbine axiale et centrale électrique

Publication

EP 2687683 A2 20140122 (EN)

Application

EP 13177025 A 20130718

Priority

JP 2012161746 A 20120720

Abstract (en)

In one embodiment, a sealing device includes seal fins provided on an inner circumferential surface of a stationary body or an outer circumferential surface of a rotating body so as to be adjacent to each other in an axial direction of the rotating body in a gap between the outer circumferential surface of the rotating body and the inner circumferential surface of the stationary body. The device further includes at least one opening member provided on the inner circumferential surface of the stationary body, the opening member being provided at a position between seal fins adjacent to each other in the axial direction, and having holes opened on a side of the inner circumferential surface of the stationary body. Corresponding axial turbine and power plant are also provided.

IPC 8 full level

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CPC (source: EP US)

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Cited by

FR3099788A1; US11994032B2; US10711628B2; WO2021023936A1

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BA ME

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