

Title (en)

Gas-turbine engine with valve for connecting two enclosures

Title (de)

Gasturbinenmotor mit Ventil für die Verbindung von zwei Behältern

Title (fr)

Moteur à turbine à gaz avec clapet de mise en communication de deux enceintes

Publication

EP 2078822 B1 20120718 (FR)

Application

EP 09150354 A 20090109

Priority

FR 0800170 A 20080111

Abstract (en)

[origin: EP2078822A1] The engine has a stator ring (15) for a high pressure turbine, and an external wall (20) for a transition channel between high pressure and low pressure stages. An enclosure (19) controls the stator ring. Another enclosure (21) distributes air for blowing the external wall. The enclosures are communicated by an orifice (21a1) controlled by a valve. The valve is opened, when the pressure in the enclosure (19) is greater than the pressure in the enclosure (21). The valve is closed, when the pressure in the enclosure (19) is less than the pressure in the enclosure (21).

IPC 8 full level

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CPC (source: EP US)

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