

Title (en)

TURBINE CYLINDER WITH A DEVICE TO ADJUST THE TIP CLEARANCE BETWEEN THE TURBINE BLADES AND THE CYLINDER

Publication

EP 0192557 B1 19890111 (FR)

Application

EP 86400287 A 19860211

Priority

FR 8502023 A 19850213

Abstract (en)

[origin: US4696619A] A housing for a turbojet engine compressor is disclosed having inner and outer housing portions which may radially expand or contract as the compressor rotor wheel blades expand or contract, so as to maintain a minimum clearance between the housing and the rotor blade tips. A heat transfer manifold is applied about the outer periphery of the outer housing portion to rapidly expand the housing during transient operating conditions of the engine.

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F01D 11/08; F01D 9/04

IPC 8 full level

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CPC (source: EP US)

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Cited by

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