

Title (en)

Device for the supply of combustion air to a gas turbine.

Title (de)

Verbrennungsluftzufuhreinrichtung für Gasturbine.

Title (fr)

Dispositif d'alimentation en comburant d'une turbine à gaz.

Publication

EP 0455559 B1 19931208 (FR)

Application

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Priority

FR 9005556 A 19900503

Abstract (en)

[origin: EP0455559A1] The invention relates to a device for the supply of combustion air to a combustion chamber (5) of a gas turbine, the supply device comprising in particular a plurality of diaphragms (2) for regulating the quantity of combustion air admitted into said combustion chamber, each diaphragm comprising a ring (6) which is mounted pivotably in relation to the casing of the gas turbine, the pivoting of which constitutes the means of regulating the cross-section of the passage for admission of the combustion air into the combustion chamber, and which is connected to a device (32) for controlling its pivoting. <??>According to the invention, certain diaphragms (2) at least are in groups of two adjacent diaphragms, the two rings (6) of the diaphragms (2) of a group of two diaphragms each comprise a member (9) for regulating the pivoting of said ring, and the members (9) for regulating the pivoting of the two rings (6) of said two diaphragms are connected to a single control member (11) belonging to said pivoting-control device (32). <??>One application is the production of a compact and light gas turbine. <IMAGE>

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