

Title (en)

Device for regulating the air supply of a gas turbine.

Title (de)

Luftzufuhrregeleinrichtung für eine Gasturbine.

Title (fr)

Dispositif d'alimentation en comburant d'une turbine à gaz comprenant des diaphragmes de réglage du débit.

Publication

**EP 0514260 B1 19941123 (FR)**

Application

**EP 92401300 A 19920513**

Priority

FR 9105962 A 19910516

Abstract (en)

[origin: EP0514260A1] The invention relates to a device for feeding oxidant to a combustion chamber (4) of a gas turbine comprising diaphragms (13-15) for regulating the flow of oxidant admitted, each diaphragm comprising a pivoting ring (15); the diaphragms are grouped in pairs; the rings (15) of two adjacent diaphragms each comprise a member (19) for regulating their pivoting; said members (19) for regulating the pivoting are connected (21) to a single control member (29). <??>According to the invention, the device for controlling the pivoting of the diaphragm comprises jacks (23) each comprising a working chamber (28) and a jack rod (29), the chambers of the different jacks being connected in parallel (40) to one and the same enclosure under pressure (41); the members for regulating the pivoting of two adjacent rings comprise, for each ring, a ball-joint housing (19) which is integral with said ring, a single ball-joint (21) being received in the housings of the two rings; and the ball-joint (21) is connected to said jack rod (29). <IMAGE>

IPC 1-7

**F23R 3/26**

IPC 8 full level

**F02C 7/22** (2006.01); **F15B 15/10** (2006.01); **F23R 3/26** (2006.01); **F23R 3/28** (2006.01); **F23R 3/46** (2006.01)

CPC (source: EP US)

**F23R 3/26** (2013.01 - EP US); **F05B 2250/411** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0514260 A1 19921119**; **EP 0514260 B1 19941123**; DE 69200696 D1 19950105; DE 69200696 T2 19950413; FR 2676529 A1 19921120; FR 2676529 B1 19941125; JP 2801111 B2 19980921; JP H05149545 A 19930615; US 5230212 A 19930727

DOCDB simple family (application)

**EP 92401300 A 19920513**; DE 69200696 T 19920513; FR 9105962 A 19910516; JP 12377292 A 19920515; US 88180792 A 19920512