

Title (en)

Inlet control system of a turbomachine

Title (de)

Einlassregelanlage einer Turbomaschine

Title (fr)

Système de réglage d'alimentation d'une turbomachine

Publication

EP 0589745 B1 19980429 (FR)

Application

EP 93402171 A 19930907

Priority

FR 9211457 A 19920925

Abstract (en)

[origin: EP0589745A1] The invention proposes a control (regulating) system (23) making it possible to master the heating of the gases downstream of the control system, to attenuate the aerodynamic noise generated by the gyratory flow downstream of the guide vanes (24) of the control system and to facilitate endoscopic checking of the blading of a compressor (3) by virtue of emerging orifices (27) formed in the control system (23) and particularly through at least one guide vane (24). The invention finds particular application in the production of a control system equipping an air intake system of an external centrifugal compressor of an auxiliary gas turbine power unit. <IMAGE>

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IPC 8 full level

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Cited by

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