

Title (en)
SINGLE OR MULTISTAGE AXIAL COMPRESSOR

Publication
EP 0196363 B1 19900110 (DE)

Application
EP 85113808 A 19851030

Priority
DE 3511769 A 19850330

Abstract (en)
[origin: EP0196363A1] 1. A single or multi-stage axial compressor with clearance spaces inside the compressor housing, characterised in that the clearance spaces present within the axial compressor are provided as resonator chambers and that the axial compressor is equipped with at least one wide-band absorption resonator (7) as a pulsation absorber, and that for coupling the absorption resonator (7) to the gas stream circumferentially extending slots (8), which form the throat of the absorption resonator, are arranged in front of or behind a rotatable rotor (3) and that the walls of the absorption resonator (7) are lined with a damping material (D).

IPC 1-7
F04D 29/66

IPC 8 full level
F04D 29/66 (2006.01)

CPC (source: EP)
F04D 29/522 (2013.01); **F04D 29/664** (2013.01); **F04D 29/665** (2013.01)

Cited by
US2013263823A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0196363 A1 19861008; EP 0196363 B1 19900110; AT E49459 T1 19900115; DE 3511769 A1 19861002; DE 3575332 D1 19900215

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