

Title (en)
COOLED TURBINE OR COMPRESSOR CASING

Publication
EP 0014941 B1 19820331 (DE)

Application
EP 80100699 A 19800212

Priority
DE 2905564 A 19790214

Abstract (en)
[origin: EP0014941A1] 1. Cooled turbine or compressor housing (100), which is surrounded by a jacket (5), so that cooling gas separated from the working fluid flows through the intermediate space between jacket and fluid machine housing characterised in that a) the cooling gas inlet and outlet openings (10, 14, 12) open directly into the surroundings, so that movement of the cooling gas results only from the thermal drive of the current of cooling gas which is increasing in temperature, and b) the jacket also surrounds the overlying inlet and outlet openings (3, 4) of the fluid machine.

IPC 1-7
F01D 25/14; **F01D 25/26**

IPC 8 full level
F01D 25/12 (2006.01); **F01D 25/14** (2006.01); **F01D 25/24** (2006.01); **F01D 25/26** (2006.01); **F02C 7/18** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP)
F01D 25/14 (2013.01); **F01D 25/145** (2013.01)

Cited by
EP2065568A1; CN1119511C; CN109057887A; CN109083704A; US7451598B2; US6478534B2; US6978622B2; WO0011324A1; WO03038242A1; WO2016010847A1

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