

Title (en)

Channel for leakage air in the rotor of a turbomachine

Title (de)

Leckstromkanal im Rotor einer Turbomaschine

Title (fr)

Conduit pour fluide de fuite dans le rotor d'une turbomachine

Publication

EP 1106785 B1 20040114 (DE)

Application

EP 00120564 A 20000920

Priority

DE 19958809 A 19991207

Abstract (en)

[origin: EP1106785A1] The turbine machine has insulation elements (19, 30) in the region of a rotor stage between a seal carrier ring (7) and a casing sector (10). There is also a leak flow channel (4) to channel the leak flow in the region of the insulation elements, possibly formed between a guide sheet (1) and the outer circumference of the seal carrier ring.

IPC 1-7

F01D 11/18; **F01D 25/14**

IPC 8 full level

F01D 11/08 (2006.01); **F01D 11/18** (2006.01); **F01D 25/14** (2006.01); **F01D 25/26** (2006.01)

CPC (source: EP)

F01D 11/08 (2013.01); **F01D 25/145** (2013.01); **F01D 25/26** (2013.01); **F05D 2260/221** (2013.01)

Cited by

US9803491B2; US2018347399A1; EP2696037A1; US2014044538A1; US9664065B2; EP4276282A1; US9512734B2; FR2867224A1; EP1577506A1; EP2719869A1; US2014186163A1; EP2938839A4; EP2725203A1; US9488069B2; US11933226B2; EP2728122A1; US9506368B2; US7360989B2; US9605551B2

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