

Title (en)

DIRECTING VANES FOR DIVERGING CHANNELS IN STEAM TURBINES

Publication

EP 0064679 B1 19860528 (FR)

Application

EP 82103671 A 19820429

Priority

FR 8108884 A 19810505

Abstract (en)

[origin: US4470755A] A guide blade set for diverging jet streams in a steam turbine which has blades (2, 2') whose concave and convex surfaces are orthogonal firstly to the jet stream floor plate (3) and secondly to the jet stream passage ceiling plate (4) at their respective ends. Efficiency is improved by reducing losses in the neighbourhood of the jet stream ceiling plate.

IPC 1-7

F01D 9/04; **F01D 5/14**

IPC 8 full level

F01D 9/02 (2006.01); **F01D 5/14** (2006.01); **F01D 9/04** (2006.01)

CPC (source: EP US)

F01D 5/141 (2013.01 - EP US); **F01D 5/142** (2013.01 - EP US); **Y10S 415/914** (2013.01 - EP US)

Cited by

FR2574114A1; EP0089600A1; EP3828390A1; US7740347B2; US11629599B2

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DOCDB simple family (publication)

EP 0064679 A1 19821117; **EP 0064679 B1 19860528**; AT E20119 T1 19860615; DE 3271339 D1 19860703; FR 2505399 A1 19821112; FR 2505399 B1 19850503; JP S57193703 A 19821129; US 4470755 A 19840911; ZA 823055 B 19830330

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EP 82103671 A 19820429; AT 82103671 T 19820429; DE 3271339 T 19820429; FR 8108884 A 19810505; JP 7505082 A 19820504; US 37071582 A 19820422; ZA 823055 A 19820504