

Title (en)
Inlet casine for steam turbine.

Title (de)
Einlassgehäuse für Dampfturbine.

Title (fr)
Enveloppe d'admission pour turbine à gaz.

Publication
EP 0491134 B1 19950802 (DE)

Application
EP 91117784 A 19911018

Priority
CH 404590 A 19901218

Abstract (en)
[origin: CA2055710A1] In a single-flow steam turbine, the inlet casing is designed to comprise two intertwined spiral casings (1, 2). These spirals have concentrically arranged annular openings (1', 2') which face the inlet to the blading and extend over -360.degree. of the circumference. The spirals can be shut off and/or throttled, allowing infinitely variable partial admission to the reaction admission (sic) (13, 14, 15). The spirals (2) dimensioned for the smaller flow and their annular opening (2') is arranged on the rotor side in the radial direction. The first row of blading supplied from the annular openings (1', 2') is an after the (sic) action control wheel (13). The radially inner boundary wall of the spiral dimensioned for the small flow is arranged in the plane of the balance piston. Fig.

IPC 1-7
F01D 1/02; **F01D 1/16**; **F01D 1/20**; **F01D 9/02**

IPC 8 full level
F01D 1/04 (2006.01); **F01D 1/00** (2006.01); **F01D 1/02** (2006.01); **F01D 1/16** (2006.01); **F01D 1/20** (2006.01); **F01D 9/00** (2006.01); **F01D 9/02** (2006.01); **F01D 9/04** (2006.01); **F01D 17/18** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP KR US)
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