

Title (en)

Inlet volute of a steam turbine and steam turbine

Title (de)

Einlassspiralgehäuse für eine Dampfturbine und Dampfturbine

Title (fr)

Volute d'entrée d'une turbine à vapeur et turbine à vapeur

Publication

EP 2211022 A1 20100728 (EN)

Application

EP 09000798 A 20090121

Priority

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Abstract (en)

The invention relates to an inlet volute (1) of a steam turbine, whereby the inlet volute (1) supplies steam to blades which are fixed at a rotor device which is rotatably mounted around an axis (6), whereby the inlet volute is arranged inside an outer casing (2) of the steam turbine and whereby the inlet volute (1) is split along a split plane (3) in two parts (4, 5) which are being fixed together to build the inlet volute (1), and whereby the split plane (3) of the two parts (4, 5) of the inlet volute (1) is inclined relating to the axis (6) of the rotor device of the steam turbine. The invention relates further to a steam turbine, comprising at least one inlet volute (1), which is arranged inside an outer casing (2) of the steam turbine, whereby the at least one inlet volute (1) supplies steam (7) to blades which are fixed at a rotor device which is rotatably mounted around an axis (6), whereby the inlet volute (1) is being built like this.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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