

Title (en)

Steam turbine with guiding elements

Title (de)

Dampfturbine mit Strömungsführungen

Title (fr)

Turbine à vapeur ayant des éléments de guidage

Publication

**EP 1806481 B1 20131218 (DE)**

Application

**EP 06000348 A 20060109**

Priority

EP 06000348 A 20060109

Abstract (en)

[origin: EP1806481A1] The turbine has flow guides (2a, 2b) that are made of a fiber reinforced material and are arranged in the interior of an outer housing (8). The fiber reinforced material consists of epoxy resin, phenolic resin, bismaleimide resin or cyanate resin. The flow guides are formed in a circumferential direction at a rotor axis of the turbine in a distributed manner. A diffuser (13) is formed as a single piece in the circumferential direction at the rotor axis.

IPC 8 full level

**F01D 25/30** (2006.01)

CPC (source: EP)

**F01D 25/30** (2013.01); **F05D 2220/31** (2013.01); **F05D 2250/71** (2013.01); **F05D 2300/2102** (2013.01); **F05D 2300/224** (2013.01); **F05D 2300/433** (2013.01); **F05D 2300/44** (2013.01); **F05D 2300/603** (2013.01); **F05D 2300/614** (2013.01); **F05D 2300/702** (2013.01)

Designated contracting state (EPC)

CH DE GB IT LI

DOCDB simple family (publication)

**EP 1806481 A1 20070711; EP 1806481 B1 20131218**

DOCDB simple family (application)

**EP 06000348 A 20060109**