

Title (en)

STEAM TURBINE COMPRISING TWO STEAM CHAMBERS

Title (de)

DAMPFTURBINE MIT ZWEI DAMPFÄUMEN

Title (fr)

TURBINE A VAPEUR COMPORTANT DEUX CHAMBRES A VAPEUR

Publication

**EP 1781901 B1 20110810 (DE)**

Application

**EP 05777733 A 20050811**

Priority

- EP 2005053954 W 20050811
- EP 04019959 A 20040823
- EP 05777733 A 20050811

Abstract (en)

[origin: EP1630359A1] The steam turbine (10) has at least two steam chambers (24a-e) which are enclosed by a tubular casing (12) and separated from one another by at least one partition (14a-d). The partition is constructed from at least two flat part surfaces which are inclined relative to one another. The part surfaces are joined to another by at least one straight fold edge. The part surfaces in their inclination with regard to the longitudinal axis (16) of the casing are arranged non-symmetrically, especially non-axially symmetrically.

IPC 8 full level

**F01D 25/24** (2006.01); **F01D 1/02** (2006.01)

CPC (source: EP US)

**F01D 1/023** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F05D 2220/31** (2013.01 - EP US); **F05D 2240/14** (2013.01 - EP US); **F05D 2250/314** (2013.01 - EP US); **F05D 2250/50** (2013.01 - EP US); **F05D 2250/51** (2013.01 - EP US); **F05D 2250/52** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1630359 A1 20060301**; AT E519924 T1 20110815; CN 101057062 A 20071017; CN 101057062 B 20100526; EP 1781901 A1 20070509; EP 1781901 B1 20110810; PL 1781901 T3 20120131; US 2009116957 A1 20090507; US 8221063 B2 20120717; WO 2006021513 A1 20060302

DOCDB simple family (application)

**EP 04019959 A 20040823**; AT 05777733 T 20050811; CN 200580034392 A 20050811; EP 05777733 A 20050811; EP 2005053954 W 20050811; PL 05777733 T 20050811; US 66063805 A 20050811