

Title (en)
Steam turbine

Title (de)
Dampfturbine

Title (fr)
Turbine à vapeur

Publication
EP 1780376 A1 20070502 (DE)

Application
EP 05023760 A 20051031

Priority
EP 05023760 A 20051031

Abstract (en)
Steam turbine (1) has a casing (2,3), a turbine shaft (5) having a thrust-compensating piston (4) is arranged in a rotatably mounted manner inside the casing and is directed along a rotation axis (6). The cooling line (17) is connected to one outflow line (18) for directing cooling steam onto a lateral surface (19) of the thrust-compensating piston.

IPC 8 full level
F01D 3/04 (2006.01)

CPC (source: EP KR US)
F01D 3/04 (2013.01 - EP KR US); **F01D 5/085** (2013.01 - EP US); **F01D 25/12** (2013.01 - KR); **F01D 25/24** (2013.01 - KR);
F05D 2260/2322 (2013.01 - EP US)

Citation (search report)

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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

Designated extension state (EPC)
AL BA HR MK YU

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DE 502006005550 D1 20100114; EP 1945911 A1 20080723; EP 1945911 B1 20091202; ES 2336610 T3 20100414; JP 2009513866 A 20090402;
JP 4662570 B2 20110330; KR 101014151 B1 20110214; KR 20080068893 A 20080724; PL 1945911 T3 20100531; RU 2008121935 A 20091210;
RU 2410545 C2 20110127; US 2009185895 A1 20090723; US 8128341 B2 20120306; WO 2007051733 A1 20070510

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EP 05023760 A 20051031; AT 06819128 T 20061024; CN 200680040533 A 20061024; DE 502006005550 T 20061024;
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