

Title (en)  
STEAM TURBINE

Title (de)  
DAMPFTURBINE

Title (fr)  
TURBINE A VAPEUR

Publication  
**EP 1644613 A1 20060412 (DE)**

Application  
**EP 04763006 A 20040617**

Priority  

- EP 2004006555 W 20040617
- EP 03015386 A 20030708
- EP 04763006 A 20040617

Abstract (en)  
[origin: EP1496196A1] The steam turbine has a first sub-turbine (2) connected to a second sub-turbine (3) via a transition region (1) with a flow deflection arrangement (13). The flow deflection arrangement contains a first control bucket (14) of the second sub-turbine that is inclined at an angle between 10 and 80 degrees to the rotation axis (6) of a rotor (7) that is mounted in the steam turbine. The flow deflection arrangement has a shaft cover (15).

IPC 1-7  
**F01D 1/04**; **F01D 5/06**; **F01D 9/02**; **F01D 9/04**; **F01D 9/06**; **F01D 11/00**

IPC 8 full level  
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CPC (source: EP)  
**F01D 1/04** (2013.01); **F01D 5/063** (2013.01); **F01D 9/02** (2013.01); **F01D 9/04** (2013.01); **F01D 9/065** (2013.01); **F01D 11/001** (2013.01); **F05D 2220/31** (2013.01); **F05D 2220/72** (2013.01)

Citation (search report)  
See references of WO 2005005783A1

Citation (examination)  
US 5439347 A 19950808 - BRANDON RONALD E [US]

Designated contracting state (EPC)  
CH DE GB IT LI

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