

Title (en)
STEAM TURBINE

Title (de)
DAMPFTURBINE

Title (fr)
TURBINE A VAPEUR

Publication
EP 1068429 B1 20040616 (DE)

Application
EP 99924784 A 19990406

Priority
• DE 9901043 W 19990406
• DE 19815375 A 19980406

Abstract (en)
[origin: WO9951858A1] The invention relates to a steam turbine (1) comprising an axis of rotation (2) and an inlet area (3) with a flow conduit for steam (5), located in a steam (5) evaporation area and extending in the direction of the axis of rotation (2). The flow conduit (6) expands towards the evaporation area (4), whereby an outlet (8) is formed. A flow-guide element is assigned to the outlet (8) and extends beyond the diameter (9) of said outlet (8).

IPC 1-7
F01D 25/30; **F01K 11/02**

IPC 8 full level
F01D 25/30 (2006.01); **F01K 11/02** (2006.01)

CPC (source: EP KR US)
F01D 25/30 (2013.01 - EP KR US); **F01K 11/02** (2013.01 - EP US)

Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
WO 9951858 A1 19991014; CN 1165670 C 20040908; CN 1296549 A 20010523; DE 59909753 D1 20040722; EP 1068429 A1 20010117; EP 1068429 B1 20040616; JP 2002510769 A 20020409; JP 4249903 B2 20090408; KR 20010042504 A 20010525; US 6447247 B1 20020910

DOCDB simple family (application)
DE 9901043 W 19990406; CN 99804762 A 19990406; DE 59909753 T 19990406; EP 99924784 A 19990406; JP 2000542560 A 19990406; KR 20007011130 A 20001006; US 68424200 A 20001006