

Title (en)  
TURBINE

Title (de)  
TURBINE

Title (fr)  
TURBINE

Publication  
**EP 1276972 B1 20040414 (DE)**

Application  
**EP 01911696 A 20010223**

Priority  
• EP 01911696 A 20010223  
• EP 0102095 W 20010223  
• EP 00104345 A 20000302

Abstract (en)  
[origin: EP1130218A1] A turbine (6) has a gas space (12) and a number of guide- vanes (18) each having a foot-plate (21) and a vane-blade (23) extending from the foot-plate (21) radially into the gas space (12). Between the guide-vanes (18) adjacent to the foot-plates (21), a sealing element (44) is provided with a location space (50) into which reach the foot-plates (21). The sealing element (44) has a H-shaped cross-section and has two longitudinal limbs (46) joined via a transverse limb (48). Between the longitudinal limbs, two location zones (50) separated by the transverse limbs (48), are formed, and in to which reach the footplates (21) of the adjacent guide-vanes (18).

IPC 1-7  
**F01D 11/00**; **F01D 5/22**

IPC 8 full level  
**F01D 5/22** (2006.01); **F01D 11/00** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)  
**F01D 5/22** (2013.01 - EP US); **F01D 11/005** (2013.01 - EP US)

Designated contracting state (EPC)  
CH DE FR GB IT LI

DOCDB simple family (publication)  
**EP 1130218 A1 20010905**; CN 1278020 C 20061004; CN 1408049 A 20030402; DE 50101990 D1 20040519; EP 1276972 A1 20030122; EP 1276972 B1 20040414; JP 2003525382 A 20030826; JP 4660051 B2 20110330; US 2003021676 A1 20030130; US 6705832 B2 20040316; WO 0165074 A1 20010907

DOCDB simple family (application)  
**EP 00104345 A 20000302**; CN 01805949 A 20010223; DE 50101990 T 20010223; EP 0102095 W 20010223; EP 01911696 A 20010223; JP 2001563751 A 20010223; US 22049002 A 20020830