Title (en)

Rotorwheel for impulsturbines

Title (de)

Turbinenrad für Impulsturbinen

Title (fr)

Rotor pour turbines à impulsion

Publication

EP 0781896 B1 20010613 (DE)

Application

EP 96120835 A 19961223

Priority

DE 29520650 U 19951228

Abstract (en)

[origin: EP0781896A1] The turbine wheel has a disc wheel body (1) with a central bearing mounting opening (2) with concentric inlet openings (3) at the periphery on one disc side (3), and driving air channels (5) from the disc body each opening into an outlet (14). The outlet openings (14) are at the peripheral surface (7) of the wheel disc. The drive air channels have an axial inflow section (6) and an outflow section (8) in the wheel disc body towards the circumference surface.

IPC 1-7

F01D 1/34; F01D 15/06

IPC 8 full level

F01D 1/34 (2006.01); **F01D 15/06** (2006.01)

CPC (source: EP)

F01D 1/34 (2013.01); **F01D 15/067** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IT LI NL PT SE

DOCDB simple family (publication)

DE 29520650 U1 19970424; AT 202184 T 20010615; DE 59607082 D1 20010719; DK 0781896 T3 20010903; EP 0781896 A1 19970702; EP 0781896 B1 20010613; ES 2107989 T1 19971216; ES 2107989 T3 20010901; JP H09287401 A 19971104; PT 781896 E 20011130

DOCDB simple family (application)

DE 29520650 U 19951228; AT 96120835 T 19961223; DE 59607082 T 19961223; DK 96120835 T 19961223; EP 96120835 A 19961223; ES 96120835 T 19961223; JP 34913796 A 19961227; PT 96120835 T 19961223