

Title (en)  
CERAMIC RADIAL TURBINE WHEEL.

Title (de)  
KERAMISCHES RADIALES TURBINENRAD.

Title (fr)  
ROUE DE TURBINE RADIALE EN CERAMIQUE.

Publication  
**EP 0050117 A4 19820713 (EN)**

Application  
**EP 81900346 A 19800417**

Priority  
US 8000419 W 19800417

Abstract (en)  
[origin: WO8103047A1] A ceramic turbine wheel (1), especially such a wheel intended for an exhaust gas driven turbine of a turbocharger for motor vehicles, comprises a body portion (3), blades (2) and hub portion (4). The body portion ("4" to -3-), and optionally the hub portion ("3" to -4-) as well, are provided with hollow central cores (5, 6).

IPC 1-7  
**F01D 5/28**

IPC 8 full level  
**F01D 5/04** (2006.01); **F01D 5/28** (2006.01); **F01D 5/34** (2006.01)

CPC (source: EP)  
**F01D 5/048** (2013.01); **F01D 5/284** (2013.01)

Citation (search report)  
• DE 2544237 A1 19760408 - GARRETT CORP  
• FR 1322240 A 19630329 - LAVAL STEAM TURBINE CO

Designated contracting state (EPC)  
AT CH FR GB LI NL SE

DOCDB simple family (publication)  
**WO 8103047 A1 19811029**; AT E14036 T1 19850715; EP 0050117 A1 19820428; EP 0050117 A4 19820713; EP 0050117 B1 19850626; JP S57500745 A 19820430

DOCDB simple family (application)  
**US 8000419 W 19800417**; AT 81900346 T 19800417; EP 81900346 A 19800417; JP 50065881 A 19800417