

Title (en)  
TURBO ENGINE

Title (de)  
STRÖMUNGSMASCHINE

Title (fr)  
TURBOMACHINE

Publication  
**EP 1558938 B1 20080820 (DE)**

Application  
**EP 03773525 A 20031014**

Priority  
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Abstract (en)  
[origin: WO2004042199A2] The turbo engine (1) comprises rotor blades (4) made of an electrically conductive material with an electrically insulating surface (5), said rotor blades being rotatably mounted on a rotor shaft (3) arranged in a housing (2). The electrically conductive material of the rotor blades (4) is electrically connected to a reference potential. At least one measuring element (6) is arranged in the area of the rotor blades, said measuring element being intended for measuring an electrical and/or magnetic field strength caused by charge distribution on the surface (5) of the rotor blades (4).

IPC 8 full level  
**F01D 5/28** (2006.01); **F01D 21/00** (2006.01); **F01D 21/14** (2006.01)

CPC (source: EP US)  
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