

Title (en)  
A PRESSURE TURBINE

Title (de)  
DRUCKTURBINE

Title (fr)  
TURBINE A PRESSION

Publication  
**EP 1730398 A1 20061213 (EN)**

Application  
**EP 05706354 A 20050308**

Priority  
• AU 2005000325 W 20050308  
• AU 2004901257 A 20040311

Abstract (en)  
[origin: WO2005088117A1] A turbine having a housing (20) containing a rotatable concentric inner member (30) with a central shaft (40) and a plurality of generally axially oriented blades (33) extending between an exterior face of a peripheral wall of the inner member and an inner face of a peripheral wall (21) of the housing (20), the space between said walls defining a channel into which a fluid may pass. A fluid may be directed through at least one inlet (60) in the housing peripheral wall (21) to act on a blade (33) and fill the space between adjacent blades (33) and thereby cause the inner member (30) to rotate, the fluid leaving the turbine through an outlet in the housing peripheral wall (21).

IPC 8 full level  
**F01D 1/02** (2006.01); **F01D 1/18** (2006.01); **F01D 1/32** (2006.01); **F03B 1/00** (2006.01); **F03B 3/08** (2006.01); **F03B 7/00** (2006.01)

CPC (source: EP US)  
**F01D 1/02** (2013.01 - EP US); **F01D 1/18** (2013.01 - US); **F01D 1/32** (2013.01 - US); **F03B 1/00** (2013.01 - EP US); **F03B 3/08** (2013.01 - US); **F03B 7/00** (2013.01 - US); **F05B 2210/40** (2013.01 - EP); **F05B 2240/14** (2013.01 - EP); **F05B 2240/241** (2013.01 - EP); **Y02E 10/20** (2013.01 - EP US)

Citation (search report)  
See references of WO 2005088117A1

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**WO 2005088117 A1 20050922**; CN 1957177 A 20070502; EP 1730398 A1 20061213; US 2007177974 A1 20070802

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