

Title (en)  
OUTBOARD JET DRIVE MARINE PROPULSION SYSTEM WITH INCREASED HORSEPOWER

Title (de)  
AUSSENBOARD-STRAHLANTRIEBSSCHIFFSANTRIEBSSYSTEM MIT ERHÖHTER LEISTUNG

Title (fr)  
SYSTEME DE PROPULSION MARITIME A REACTION HYDRAULIQUE HORS-BORD PRESENTANT UNE PUISSANCE EN CHEVAUX PLUS ELEVEE

Publication  
**EP 1814781 A2 20070808 (EN)**

Application  
**EP 05815118 A 20051025**

Priority

- US 2005038544 W 20051025
- US 62189904 P 20041025
- US 65365205 P 20050216
- US 68176205 P 20050517
- US 68259705 P 20050518

Abstract (en)  
[origin: WO2006047585A2] An outboard jet drive marine system for a boat comprising a housing. The housing is adapted to be affixed behind a hull of a boat. An engine is disposed within the housing. A jet drive unit is mounted to the housing in parallel to and vertically oriented to the engine, and is operatively coupled to the engine. The engine has an exhaust and cylinders, and a turbocharger operatively coupled between the exhaust and cylinders. The turbocharger has a housing for receiving the exhaust and a turbine assembly. The exhaust rotates the turbine assembly. The turbine assembly provides compressed air to the cylinders. The housing has a diameter dimensioned to control the exhaust gas volume and speed to optimize the turbine speed of the turbine assembly to reduce back pressure. The fuel is cooled as it exits the engine.

IPC 8 full level  
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