OCEAN TOMO®
BID-ASK

ASSET LIST

LOT 135: LIDAR ENABLED WIND TURBINE PATENTS FOR SALE

135号专利包：基于激光雷达的风力发动机专利待拍

Ocean Tomo Bid-Ask™ Market patent auction lot 135 offers one U.S. patent that discloses leveraging fluid movement data using LIDAR or SODAR into the wind turbine design and operational process, enabling significant savings in CapEx. The present technology uses fluid movement data at a point upstream to a turbine in order to estimate fluctuations and modify operational characteristics of the turbine accordingly. The resulting operational optimization of the turbine both maximizes turbine power generation and reduces operational stress on the turbine components. The patent has a remaining life of 12 years and an earliest priority date in 2009. The inventor is widely known and respected in renewable energy field, leading the public policy formation and NGO work in energy & environmental/habitat protection. The inventor was also responsible for numerous innovations in wind and solar energy and in energy efficiency. This portfolio would be a valuable strategic IP tool for wind turbine manufacturers seeking advantages against competitors in the US market, and LIDAR/SODAR companies seeking to gain traction with turbine manufacturers.

Ocean Tomo Bid–Ask™市场135号待售专利包提供了一项美国专利，利用LIDAR或SODAR将流体运动利用到风力发动机的设计和操作过程中，从而大大节约了成本。该技术可以优化发动机的运行，最大程度地提高发动机的发电量，还可以降低发动机部件上的运行压力。该专利的有效期为12年，最早的优先权日期可追溯至2009年。该技术的发明人在可再生能源领域非常知名且深受尊重，他曾参与制定能源与环境/人居保护方面的公共政策，领导相关公益组织。该技术的发明人还主导了风能、太阳能以及能源效率方面的诸多创新。对于寻求竞争优势的风力发动机制造商，以及希望吸引发动机制造商的激光雷达公司而言，该专利包将是极富价值的战略知识产权工具。

For further information or to bid on this lot, please email Bid-Ask@OceanTomo.com.
竞拍该专利包或详询更多信息，欢迎联系 Bid–Ask@OceanTomo.com.

NO. 序号	PUBLICATION NO. 公开号	PATENT TITLE 专利名称	PRIMARY IP CLASS IPC主分类号	PRIORITY DATE 优先权日	FILE DATE 申请日	ISSUE/ PUBLICATION DATE 公开日	NO. OF FORWARD CITATIONS 前引数量
1	US8538735 B2	Use of devices for measuring fluid movement conditions at a distance to reduce the design and manufacturing cost of moving-fluid-driven working devices 远距离测量流体运动状况的设备及其使用，以减少运动流体驱动的工作设备的设计和制造成本	G06F 17/50	9/8/09	9/2/10	9/17/13	1