Title

Compressed Wind Turbine with Stationary Housing

Reference Cited

US. PATENT DOCUMENTS

4,350,900	Sep/1982	Baughman
5,591,004	Jan/1997	James Larson

JAPAN PATENT DOCUMENTS

2002-214356	Jul/2002	Sugiyama Yuichi
2004-052721	Feb/2004	Sugiyama Yuichi
2008-155971	May/2008	Yamaguchi Noriaki

Abstract

A housed wind rotary machine to be driven by a compressed air flow stream. The invention is based on following three fundamental principles. 1) Law of energy conservation. 2) Conservation of momentum and 3) Conservation of mass. With its unique multiple wind collecting tunnels design, it can boost up the air flow stream velocity according to the area input to output ratio. Hence, it can drive the wind drum to rotate and generate more energy with extremely low wind condition.

Fig.3