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<b>Organization</b>	Technical University of Moldova
<b>Patent / patent application title</b>	<b>AEOLIAN TURBINE WITH VERTICAL AXLE</b>
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<b>Patent / patent application N°</b>	<b>Patent MD nr. 1261 Y,30.06.2018</b>
<b>Description</b>	<p>Turbina eoliană include un rotor cu ax vertical cu trei pale, cu profil aerodinamic asimetric. Pentru a crește eficiența conversiei energiei eoliene, palele sunt elicoidale și reglabile. Rotorul turbinei este conectat la rotorul generatorului electric cu magneți permanenți.</p> <p>The wind turbine includes a three-bladed vertical-axis rotor with asymmetrical aerodynamic profile. To increase the efficiency of conversion of wind energy, the blades are helical and adjustable. The turbine rotor is connected to the rotor of the electric generator with permanent magnets.</p> 
<b>Domain</b>	The invention relates to the wind power conversion devices, namely to wind turbines with vertical axle.