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(57) Abstract :

A system 100 is to convert wind energy into electrical energy comprising a plurality of first power generation units and comprises a plurality of piezoelectric elastic strips 102 each with a plurality of piezoelectric electric generators, a second power generation unit 200 that is a conventional electric generator wherein the motion of the moving objects 104 is coupled to the second power generation unit 200 through the first power generation unit to generate electrical power, and a power storage unit 106 to store the power generated.

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