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(57) Abstract :

An apparatus for generating electric energy from wind energy, said apparatus being mountable on a locomotive, is disclosed. Said apparatus broadly comprises: an at least a tubular member (11); and an at least an energy conversion member (10). Said at least one tubular member (11) is configured to be hollow in structure, with both its ends being open. Said at least one energy conversion member (10) broadly comprises: a plurality of rotating members (13); an at least a load transferring member (15); an at least an energy generating member (14); and a supporting member (12). Said at least one energy conversion member (10) is disposed within said at least one tubular member (11). The disclosed apparatus offers at least the following advantages: is simple in construction; is cost-effective; is environment-friendly; eliminates or reduces shortage of electric energy; and helps to improve the economy of a country.

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