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ABSTRACT**APPARATUS FOR GENERATING ELECTRIC
POWER USING WIND ENERGY**

An apparatus (2) for generating electric power from
5 wind energy includes: a blade unit (5) having upright
blades (52) connected fixedly to an upright rod (51)
that has a lower end (521) disposed pivotally in a base
(3) such that the blade unit (5) is rotatable relative
to the base (3) so as to convert wind energy into a
10 mechanical rotary power output; a generator (6) disposed
in the base (3) and coupled to the lower end (512) of
the upright rod (51) to convert the mechanical rotary
power output into electric power; and a wind-collecting
cover (4) mounted pivotally on the base (3) for covering
15 the blade unit (5), rotatable relative to the base (3)
and formed with opposite wind inlet and outlet (411,
421). The wind-collecting cover (4) rotates in response
to blowing of wind thereto so that the wind flows into
an inner space (48) in the cover (4) via the wind inlet
20 (411) and out of the inner space (48) in the cover (4)
via the wind outlet (421).
(Figure 3 is suggested for publication)