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(54) **Title:** WIND TURBINE APPARATUS, METHOD FOR DELIVERING AIR TO IMPELLER OF WIND TURBINE APPARATUS, AND SYSTEM FOR GENERATING ELECTRIC ENERGY

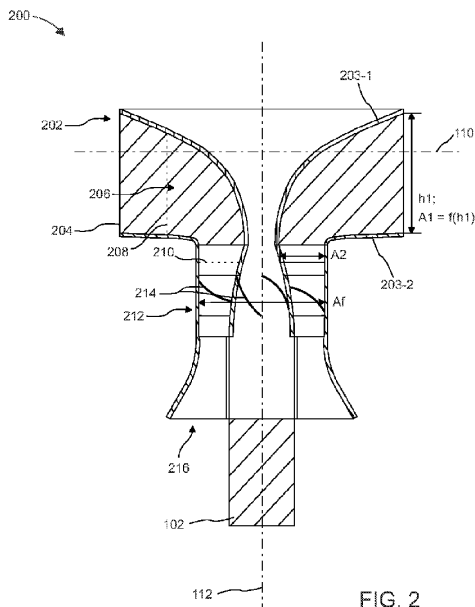


FIG. 2

(57) **Abstract:** The present disclosure provides a wind turbine apparatus (200). The apparatus (200) includes an inlet (202) including a receiving section (204) adapted to receive air along a first direction (110); and a converging section (206) disposed subsequent to, and downstream of the receiving section (204), adapted to receive, and direct the air along a second direction (112). The converging section (206) is adapted to accelerate the received air as the air moves from a first end (208) to a second end (210) of the converging section (206). The apparatus (200) further includes an impeller (212) disposed along the second direction (112), downstream of the inlet (202), and adapted to receive the air from the converging section (206). The received air impinges on the impeller (212) to effect rotation of the impeller (212).

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