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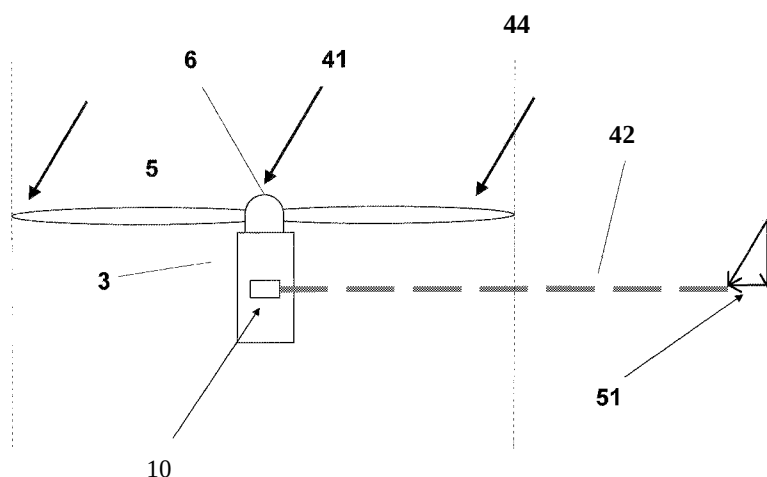
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(54) **Title:** APPARATUS AND METHOD FOR REDUCING YAW ERROR IN WIND TURBINES**FIG 4**

(57) **Abstract:** A wind turbine with a rotor comprising one or more rotor blades and a hub, the hub being attached to a nacelle, a yaw system for rotating the rotor to orient it in a wind direction, and one or more line of sight detectors for detecting a component of wind velocity. The one or more detectors are mounted such that they rotate under the action of the yaw system. A control system is coupled to the one or more detectors and is arranged to compare the detected wind velocity component with a wind velocity value and control the yaw system in response to the comparison. The nacelle can be rotated under control of the control system until the yaw error is substantially zero.



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B. FIELDS SEARCHED

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Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	<p>EP 1 559 910 A1 (FUJI HEAVY IND LTD [JP]) 3 August 2005 (2005-08-03) paragraph [0017] - paragraph [0022] ; figures la-lc</p> <p>-----</p> <p>-/-</p>	1-42



Further documents are listed in the continuation of Box C.



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