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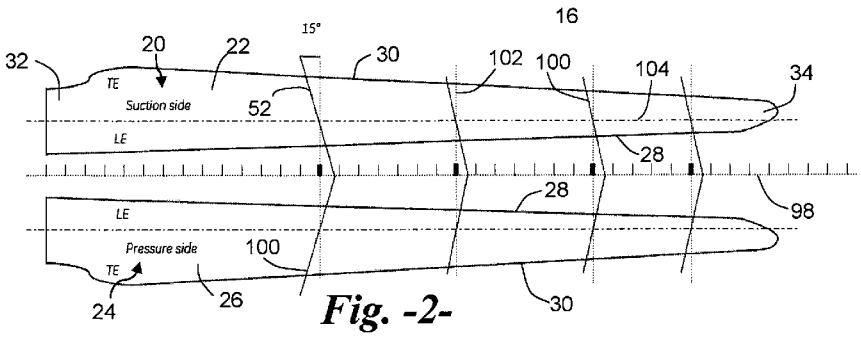

Fig. -2-

(57) Abstract: A wind turbine blade has a suction side shell member and a pressure side shell member. The shell members are joined along a leading and trailing edge from a root to a tip of the blade and defining an internal cavity of the blade. A pressure sensor is configured on at least one of the suction or pressure side shell members. The pressure sensor further includes a body mounted to an inner surface of the respective shell member within the internal cavity. A sensing element has a first side exposed to external air pressure through a passage in the respective shell member, and an opposite second side exposed to a reference pressure. Control circuitry within the body generates a variable output signal as a function of a pressure differential between the external air pressure and reference pressure experienced by the sensing element.

WO 2012/122669 A8