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### (54) ORTHO-RADIAL INDUCTION GENERATOR

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#### (57)**ABSTRACT**

A generator comprising a rotor, at least one magnetic bridging element arranged to rotate about a rotation axis of the rotor in response to the rotation of the rotor, at least one inductance unit at an area of an influence of the moving magnetic bridging element for inducing electromotive force in response to the movement of the magnetic bridging element relative to the inductance unit, and at least one flow channel unit for conveying a fluid flow to the rotor for operating the rotor.

