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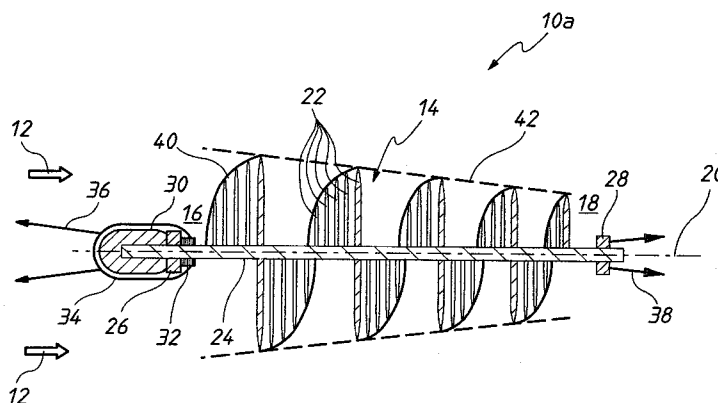


FIG. 1

(57) Abstract: A power generator assembly (10a) for using kinetic energy from a flowing fluid (12) to generate power. The power generator assembly (10a) includes a blade assembly (14) and a generator (30). The blade assembly (14) has a head end (16) for facing oncoming flowing fluid (12), a tail end (18) spaced from the head end (16) for facing in the direction of flow of the fluid (12), and a rotational axis (20) extending between the head end (16) and the tail end (18). The blade assembly (14) includes a blade arrangement (22) which is arranged in generally helical fashion about the rotational axis (20), and at least one mounting formation (24) connected to the blade arrangement (22). Each mounting formation (24) is adapted to permit mounting of the blade assembly (22) for rotation about its rotational axis (20), so that in use fluid (12) flowing past the power generator assembly (10a) interacts with the blade arrangement (22) to rotate the blade assembly (24) about its rotational axis (20). The generator (30) is drivingly connected to the blade assembly (22) for generating power in response to rotation of the blade assembly (22).

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