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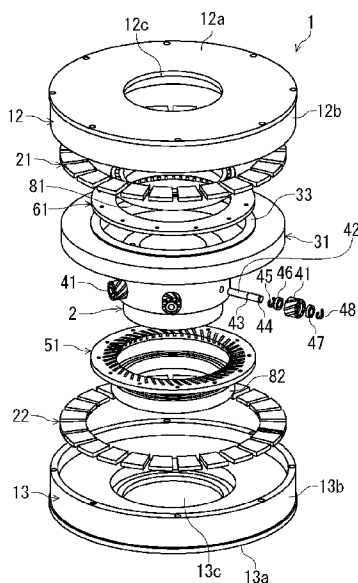
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[続葉有]

(54) Title: DISC-TYPE COAXIAL COUNTER-ROTATION GENERATOR AND WIND POWER GENERATION DEVICE USING DISC-TYPE COAXIAL COUNTER-ROTATION GENERATOR

(54) 発明の名称: 円盤型同軸反転式発電機及び該円盤型同軸反転式発電機を用いた風力発電装置

[図2]



(57) Abstract: A disc-type coaxial counter-rotation generator (1) of the present invention comprises: a fixed annular shaft (2); a disc-shaped housing body (11) rotatably supported by the fixed annular shaft (2); disc-shaped flux interlinking magnets (21, 22) attached to the inside of the housing body (11); a disc-shaped coil body (31) disposed in the housing body (11) between the flux interlinking magnets (21, 22), in a state where a coil section (32) of the coil body (31) faces the flux interlinking magnets (21, 22) without making contact therewith and a center portion of the coil body (31) is rotatably attached to the fixed annular shaft (2); counter-rotation magnets (41) provided protruding from the outer periphery of the fixed annular shaft (2); a disc-shaped driving magnet (51) attached in a position facing the counter-rotation magnets (41) without making contact therewith; and a disc-shaped driven magnet (61) attached in a position facing the coil body (31) without making contact with the counter-rotation magnets (41). Thus, the disc-type coaxial counter-rotation generator can obtain high power generation output with less mechanical loss, less noise, and improved maintenance properties.

(57) 要約:

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