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(54) Title: SYSTEM AND METHOD AND ARRANGEMENT FOR DAMPING VIBRATORY MOTION OF ROTOR SAIL

(57) Abstract: A damping system (100) for a rotor sail (104, 200) is disclosed, the damping system comprising a support structure (108,) having a first end (108A), a second end (108B) and a predetermined height (H) defined by the first and second ends, the support structure arranged within a rotating cylinder (110) of the rotor sail with the second end coupled to a foundation (106) of the rotor sail for supporting the rotating cylinder; and one or more damping units (112, 204) mounted to the support structure so that the distance of the damping unit from the first end (108A) towards the second end (108B) is between 0-30% of the predetermined height (H) of the support structure. The one or more damping units are operable to dampen a vibratory motion of the rotor sail to allow the rotating cylinder to operate at an operational frequency at and beyond a natural frequency of the rotor sail.

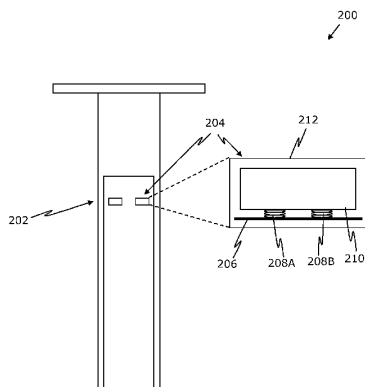


FIG. 2

WO 2024/170820 A1

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