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(57) Abstract :

Title: Frustrum Tension-Leg Platform for Floating Wind Turbine ABSTRACT A Frustrum-TLP turbine comprising six vertical pontoons arranged in hexagonal shape connected by horizontal pontoons, the top of the vertical pontoons is connected to the centre column by top supporting braces, the bottom of the vertical pontoons is connected to the centre column by bottom supporting braces, the top supporting braces are connected by top horizontal supporting braces forming top hexagonal ring structures, the bottom supporting braces are connected to centre column by inclined supporting braces, an inclined supporting braces connecting the mid of the top horizontal supporting braces to centre column in an inclined position with an edge towards centre column on higher position compared to the edge connecting horizontal supporting braces. The vertical pontoons are connected by horizontal pontoons with dimension 40.0m x 4.0m

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