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(54) Title: TUBE ELEMENT FOR FLOATABLE OFFSHORE SUPPORT STRUCTURE FOR WIND TURBINE

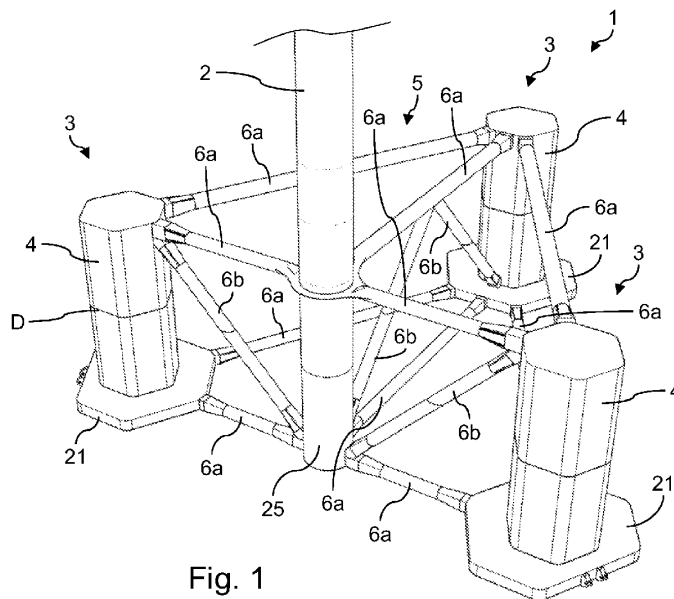


Fig. 1

(57) Abstract: Method of forming a tube element for use as a longitudinal section of a brace for a truss structure of a floatable offshore support structure for a wind turbine, comprising: providing four elongate flat steel plates each extending along a longitudinal direction and having two opposite lateral edges; deforming each plate such that, along the longitudinal direction, a transverse shape of the plate smoothly transitions between a rectilinear shape and an arcuate shape; and forming the tube element by interconnecting the four deformed plates along their lateral edges. The interconnected plates each form a respective circumferential section of the tube element, wherein along the longitudinal direction, a transverse shape of the tube element smoothly transitions from a circular shape to a rectangular shape. The tube element may connect a cylindrical further tube element of the brace with a further part of the floatable offshore support structure.

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