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(19) **United States**(12) **Patent Application Publication****Jensen**(10) **Pub. No.: US 2023/0231426 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **SEGMENT SUPPORT STRUCTURE FOR A GENERATOR OF A WIND TURBINE****Publication Classification**(71) Applicant: **Siemens Gamesa Renewable Energy A/S, Brande (DK)**(51) **Int. Cl.**
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(57) **ABSTRACT**

A segment support structure for a stator of a generator for a wind turbine, wherein the segment support structure extends along a longitudinal axis and includes a casted assembly having a first pressure plate at one axial end of the segment support structure and a second pressure plate at the opposite axial end of the segment support structure, and a plurality of carrier elements extending from the first pressure plate to the second pressure plate.

