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(54) Title: **BLADING SYSTEM FOR AXIAL COMPRESSORS WITH AXIALLY OPPOSING BASE MERGED DOUBLE TRIANGULAR PRISM DEVICE BLADES**

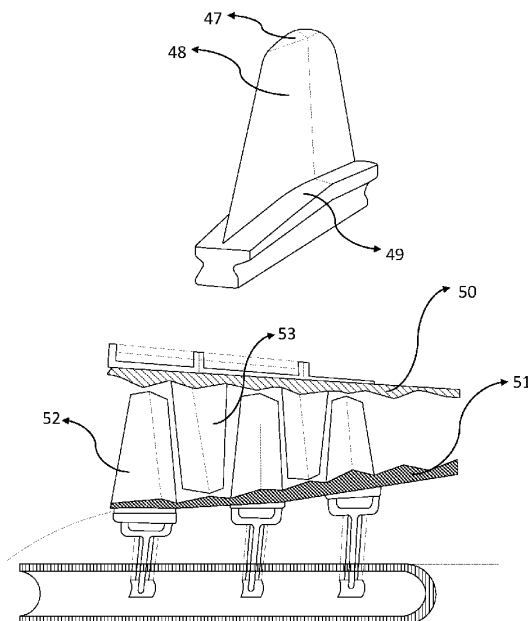


Figure: 7

(57) Abstract: Introducing the ABMP Compressor, a cutting-edge axial flow compressor technology set to transform gas turbine jet engines and find applications across various domains. Our innovation focuses on optimizing compression ratios and maximizing energy extraction, ensuring efficient operation in diverse conditions. The ABMP Compressor offers adaptability, allowing strategic adjustments for peak performance. Embracing environmental responsibility, it supports sustainable fuels and cleaner energy initiatives. Its seamless integration with turbofans enhances performance and reduces vibrations in gas turbine jet engines and other applications. Engineered to prevent operational disruptions, the compressor mitigates compression stall and surge, promoting stable combustion efficiency with uniform fuel distribution and stable flame fronts. With extended operational limits, reduced wear and tear, and overall system-wide performance enhancement, the ABMP Compressor signifies a transformative solution in the evolving landscape of propulsion systems.

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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
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