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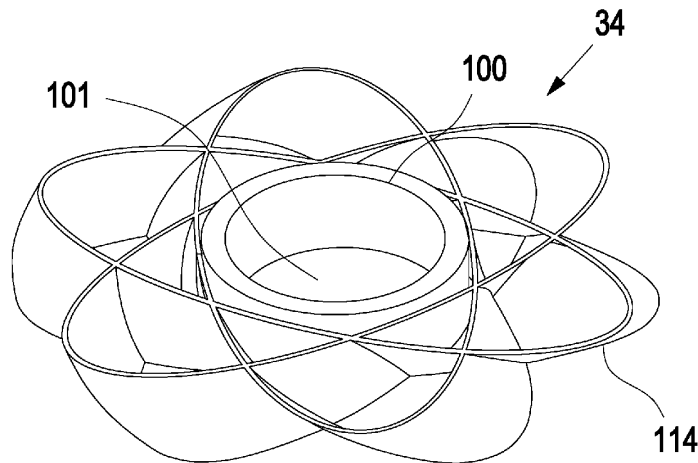


Fig. 5B

(57) Abstract: A vacuum pump and a rotor preferably for a turbomolecular pump, comprising a support member connectable to a rotor shaft having a plurality of rotor blades. Therein each of the plurality of rotor blades comprises a plurality of layers perpendicular to the axial direction of the rotor, wherein each of the plurality of layers is formed at least partially as an arcuate curve connected at their respective end to the support member. The plurality of layers being arranged with a lateral offset with respect to each other.

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