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ISOBE et al.(10) **Pub. No.: US 2024/0213843 A1**(43) **Pub. Date: Jun. 27, 2024**(54) **MOTOR-DRIVEN COMPRESSOR****Publication Classification**(71) Applicant: **KABUSHIKI KAISHA TOYOTA**
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JIDOSHOKKI, Aichi-ken (JP)(57) **ABSTRACT**(21) Appl. No.: **18/390,352**(22) Filed: **Dec. 20, 2023**(30) **Foreign Application Priority Data**

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Projections are provided on bottom surfaces of U-phase through-grooves. This configuration ensures a sufficient engagement amount of each projection with a corresponding insertion portion as compared to a case in which the projections are provided on the end of an insulator on the side opposite to a stator core. As a result, each projection is stably engaged with the corresponding insertion portion. This allows the cover to be stably attached to the insulator.

