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TANNO et al.(10) **Pub. No.: US 2023/0231432 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **DYNAMO-ELECTRIC MACHINE AND
COOLING STRUCTURE FOR
DYNAMO-ELECTRIC MACHINE**(30) **Foreign Application Priority Data**

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Tokyo (JP)**ABSTRACT**(21) Appl. No.: **18/007,640**(22) PCT Filed: **May 24, 2021**(86) PCT No.: **PCT/JP2021/019548**

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A motor (100) includes a stator (6) having a plurality of tooth portions (7), a coil (9) wound around the tooth portions (7), and a slot (8) in which the coil (9) is formed between the tooth portions (7), in which the coil (9) is provided in the slot (8), and a cooling structure for the motor (100) includes a first resin composition with which the slot (8) is filled and which covers the coil (9), and a coil inner side cooling flow path (10) which is provided in a region filled with the first resin composition and extends in a rotating shaft direction, and in which a coolant circulates inside.

