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(71) Applicant: EMF INNOVATIONS PTE. LTD. [SG/SG];
81 UBI Avenue 4, #07-21 UB.One, Singapore 408830 (SG).

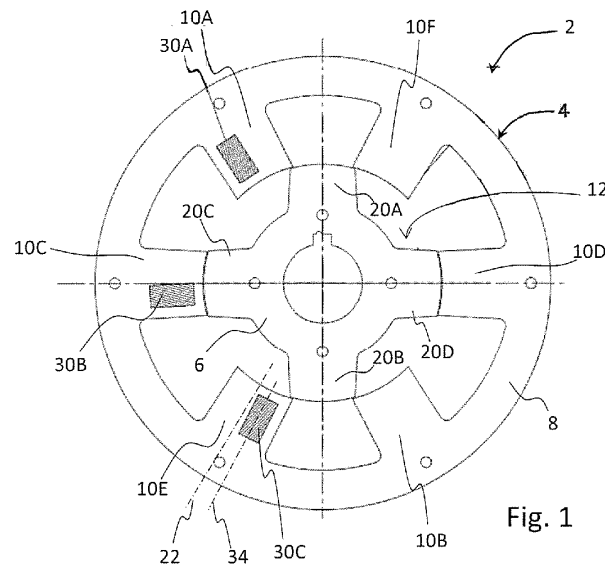
(72) Inventor: HANG, Chang Chieh; c/o EMF Innovations
Pte. Ltd., 81 UBI Avenue 4, #07-21 UB.One, Singapore
408830 (SG).

(74) Agent: YUSARN AUDREY; 24 Raffles Place, #27-01
Clifford Centre, Singapore 048621 (SG).

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(54) Title: A STATOR, A MOTOR AND A VEHICLE HAVING THE SAME AND A METHOD OF MANUFACTURING THE STATOR



(57) Abstract: A stator of an SRM is disclosed. The stator includes two or more pairs of diametrically opposite stator poles and two or more stator windings. Each stator winding is wound around each pair of diametrically opposite stator poles. The winding can be energized to generate magnetic flux within one stator pole of the pair of diametrically opposite stator poles along a radial axis thereof. The magnetic flux emanates out of a face of the stator pole. The stator further includes a permanent magnet disposed in the stator pole for diverting the magnetic flux to emanate at least substantially from a side surface of the stator pole. A motor and a vehicle including the stator are also disclosed. A method of manufacturing the stator is further disclosed.

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