

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0213826 A1 Jackson

Jun. 27, 2024 (43) **Pub. Date:**

(54) ELECTRIC MOTOR

(71) Applicant: FISHER & PAYKEL APPLIANCES LIMITED, EAST TAMAKI (NZ)

(72) Inventor: Russell Joseph Jackson, Auckland

(21) Appl. No.: 18/601,485

(22) Filed: Mar. 11, 2024

Related U.S. Application Data

(63) Continuation of application No. 18/104,529, filed on Feb. 1, 2023, now Pat. No. 11,962,185, which is a continuation of application No. 17/826,593, filed on May 27, 2022, now Pat. No. 11,601,022, which is a continuation of application No. PCT/IB2020/061198, filed on Nov. 27, 2020.

(30)Foreign Application Priority Data

Nov. 27, 2019 (NZ) 759454

Publication Classification

(51)	Int. Cl.	
	H02K 1/14	(2006.01)
	D06F 37/20	(2006.01)
	D06F 37/30	(2006.01)
	H02K 1/18	(2006.01)
	H02K 1/2791	(2006.01)
	H02K 5/16	(2006.01)
	H02K 5/24	(2006.01)
	H02K 7/08	(2006.01)
	H02K 7/14	(2006.01)

(52) U.S. Cl.

CPC H02K 1/148 (2013.01); D06F 37/206 (2013.01); D06F 37/304 (2013.01); H02K 1/187 (2013.01); H02K 1/2791 (2022.01); H02K 5/16 (2013.01); H02K 7/08 (2013.01); H02K 7/14 (2013.01); H02K 5/24 (2013.01)

(57)ABSTRACT

An electric motor suitable for use in a laundry machine comprises an improved stator and/or rotor design.

