

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2024/0213858 A1 **YOSHIMI**

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

2211/03 (2013.01)

(54) METHOD FOR MANUFACTURING DRIVE DEVICE, AND DRIVE DEVICE

(71) Applicant: **DENSO CORPORATION**, Kariya-city

TOMOAKI YOSHIMI, Kariya-city Inventor: (JP)

Appl. No.: 18/601,768 (21)

Filed: (22)Mar. 11, 2024

Related U.S. Application Data

(63) Continuation of application No. PCT/JP2022/ 033452, filed on Sep. 6, 2022.

(30)Foreign Application Priority Data

Sep. 14, 2021 (JP) 2021-149768

Publication Classification

(51) **Int. Cl.** H02K 11/33 (2016.01)H02K 5/22 (2006.01)H02K 15/00 (2006.01) (52) U.S. Cl. CPC *H02K 11/33* (2016.01); *H02K 5/225* (2013.01); H02K 15/00 (2013.01); H02K

(57)**ABSTRACT**

One end portion of each connector terminal is connected to an end circuit board of an end circuit board assembly. In a first process, a generic circuit board assembly is assembled to a motor frame. In a second process, the end circuit board assembly is assembled to the generic circuit board assembly. In a third process, the other end portion of each connector terminal of the end circuit board assembly is exposed in a mating bore of a corresponding connector, and a connector housing is assembled. The third process is carried out such that a load, which is generated when the other end portion of each connector terminal is exposed in the mating bore of the corresponding connector in the third process, is smaller than a load, which is generated in the first process, and a load, which is generated in the second process.

