US 20220352832A1

(19) United States

(12) Patent Application Publication

LEE et al.

(10) Pub. No.: US 2022/0352832 A1

(43) Pub. Date: Nov. 3, 2022

(54) **PLURAL-FANS DRIVING APPARATUS**

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(21) Appl. No.: **17/869,623**

(22) Filed: **Jul. 20, 2022**

**Related U.S. Application Data**

(63) Continuation of application No. 16/856,743, filed on Apr. 23, 2020, now Pat. No. 11,431,267, which is a continuation-in-part of application No. 15/132,459, filed on Apr. 19, 2016, now abandoned.

(30) **Foreign Application Priority Data**

Jan. 29, 2016 (CN) ..... 201610065157.1

**Publication Classification**

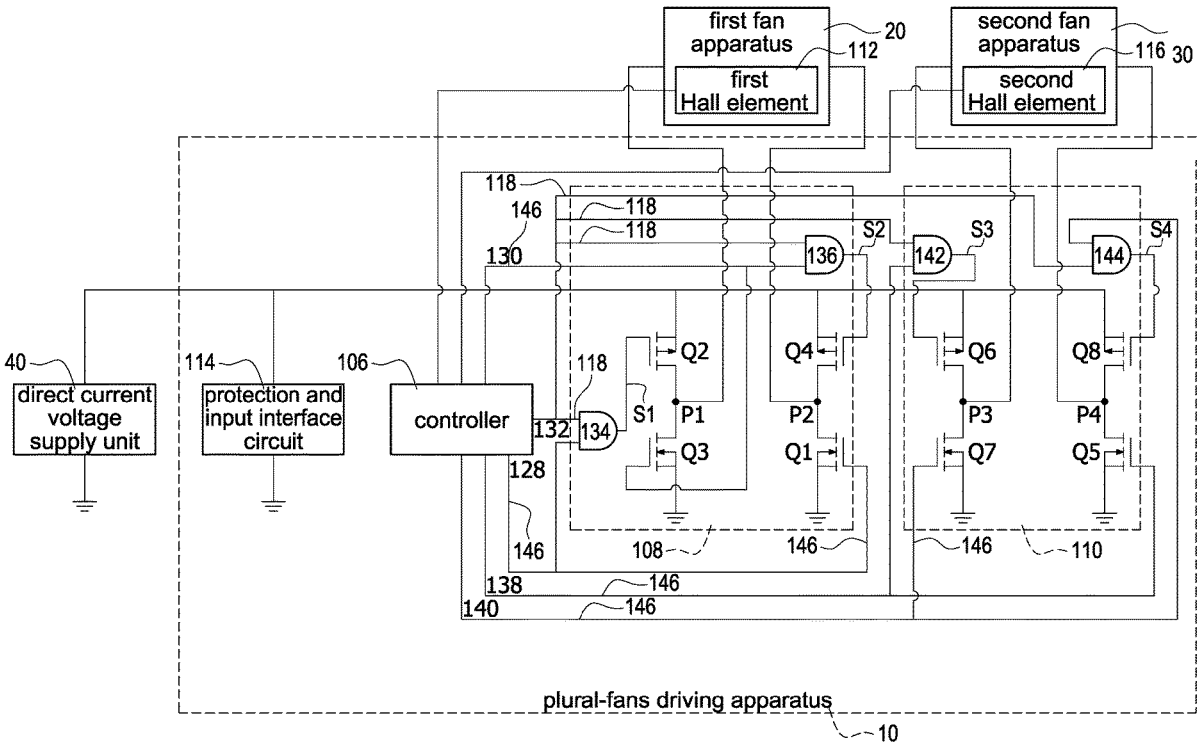
(51) **Int. Cl.**

***H02P 5/50*** (2006.01)

***H02P 5/00*** (2006.01)

(52) **U.S. Cl.**

CPC ..... ***H02P 5/50*** (2013.01); ***H02P 5/00*** (2013.01); *F01P 2005/025* (2013.01)

(57) **ABSTRACT**

A plural-fans driving apparatus is provided to drive a first fan and a second fan, and the first fan and the second fan are three-phase fans. The plural-fans driving apparatus includes a controller, a first three-phase motor driver structure, a second three-phase motor driver structure, and a protection and input interface circuit. The protection and input interface circuit is coupled to the first three-phase motor driver structure and the second three-phase motor driver structure, and protects the first three-phase motor driver structure and the second three-phase motor driver structure. The controller controls the first three-phase motor driver structure to drive the first fan, and controls the second three-phase motor driver structure to drive the second fan.