



(12) **Patent Application Publication**
CHUANG

(43) **Pub. Date:** **Nov. 10, 2022**

Publication Classification

(51) **Int. Cl.**
H03K 3/356 (2006.01)
H03K 5/24 (2006.01)
G05F 1/44 (2006.01)
G05F 3/26 (2006.01)

(52) **U.S. Cl.**
CPC *H03K 3/356121* (2013.01); *H03K 5/2481*
(2013.01); *G05F 1/44* (2013.01); *H03K 5/249*
(2013.01); *G05F 3/262* (2013.01)

(57) **ABSTRACT**

A method includes: selectively generating a first current by a first current generating circuit according to a first control signal; generating a second current by a second current generating circuit; and comparing a first input signal and a second input signal at a common node to generate an output signal according to the first current, the second current, and a second control signal. The second control signal and the first control signal are in-phase with each other.

(60) Division of application No. 17/103,750, filed on Nov. 24, 2020, now Pat. No. 11,411,554, which is a continuation of application No. 16/548,851, filed on Aug. 23, 2019, now Pat. No. 10,862,464.

