

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2022/0386416 A1 Mull

Dec. 1, 2022 (43) **Pub. Date:**

(54) HEATED JOYSTICK

(71) Applicant: Tevin Mull, Vinton, IA (US)

(72) Inventor: **Tevin Mull**, Vinton, IA (US)

(21) Appl. No.: 17/405,158

(22) Filed: Aug. 18, 2021

Related U.S. Application Data

(60) Provisional application No. 63/192,817, filed on May 25, 2021.

Publication Classification

(51) **Int. Cl.** H05B 1/02 (2006.01)G06F 3/0338 (2006.01)B60R 16/04 (2006.01)B60R 16/03 (2006.01)H05B 3/34 (2006.01)H05B 3/40 (2006.01)

(52) U.S. Cl.

CPC H05B 1/023 (2013.01); G06F 3/0338 (2013.01); B60R 16/04 (2013.01); B60R 16/03 (2013.01); H05B 3/342 (2013.01); H05B 3/40 (2013.01); H05B 2203/016 (2013.01); H05B *2203/035* (2013.01)

(57)ABSTRACT

The present invention relates to a heated joystick that is configured to be used with heavy-duty machines, excavators, snowplows, dump trucks and the like. The heated joystick comprises integrated heating elements for heating the surface of the joystick, a controller for controlling the operation of the integrated heating elements, and a wiring circuit to power the integrated heating elements and the controller. The wiring circuit can be connected to an external battery or to the vehicle's power system to supply power to the heated joystick. The heated joystick with the integrated heating elements provides heating of a joystick surface, thereby allowing an operator to easily hold the joystick with their bare hands in cold weather conditions.

