



(12) **Patent Application Publication**
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(43) **Pub. Date:** **Jul. 11, 2024**

Publication Classification

(51) **Int. Cl.**
H03H 11/04 (2006.01)

(52) **U.S. Cl.**
CPC *H03H 11/04* (2013.01)

(57) **ABSTRACT**

A filter circuit includes: a filter unit which is connected to a signal line and which has transistors and capacitors which constitute paths for N phases, and in which the transistors to which clock signals of N phases are applied electrically connect the capacitors to the signal line; and a dummy unit which has transistors and impedance parts which constitute dummy paths corresponding, respectively, to the paths for the N phases, and in which the transistors to which inverted signals of N phases are applied electrically connect the impedance parts to the signal line.

(22) Filed: **Mar. 25, 2024**

Related U.S. Application Data

(63) Continuation of application No. PCT/JP2021/044061, filed on Dec. 1, 2021.

