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Winter et al.(10) **Pub. No.: US 2022/0360181 A1**(43) **Pub. Date: Nov. 10, 2022**(54) **CONTROL METHOD FOR A DC-DC
CONVERTER AND DC-DC CONVERTER****Publication Classification**(51) **Int. Cl.****H02M 3/335** (2006.01)**H02M 1/08** (2006.01)**H02M 1/00** (2006.01)(52) **U.S. Cl.**CPC **H02M 3/33573** (2021.05); **H02M 1/08**
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ABSTRACT

The present invention relates to a power transmission in a DC-DC converter, in particular a phase-shifted full-bridge DC-DC converter from the secondary side to the primary side. In particular, an additional switching state which can reduce the power dissipation of the switching elements in the DC-DC converter, is provided.

