

# **METHOD AND APPARATUS FOR VERIFYING COMMODITIES IN BATCHES BASED ON BLOCKCHAIN, AND ELECTRONIC DEVICE**

## **ABSTRACT**

Embodiments of this specification provide a method and apparatus for verifying commodities in batches based on a blockchain, and an electronic device. The method includes: receiving a warehousing verification transaction sent by a warehousing party, the warehousing verification transaction including a commodity identifier acquired from any to-be-warehoused commodity and a contract address of an invoked smart contract; invoking, in response to the warehousing verification transaction, check logic declared in the smart contract corresponding to the contract address, to check the commodity identifier; invoking, in a case that the check succeeds, warehousing verification logic declared in the smart contract corresponding to the contract address, to query for a traceability identifier and a distributor identifier that are associated with the commodity identifier in the blockchain; determining target commodity identifiers that are present in both commodity identifiers associated with the distributor identifier and commodity identifiers associated with the traceability identifier; and updating states corresponding to the target commodity identifiers recorded in the blockchain to warehousing verification success in batches.

FIG. 5