

**CONSENSUS METHOD AND DATA VERIFICATION METHOD, APPARATUS,
AND SYSTEM OF CONSORTIUM BLOCKCHAIN**

ABSTRACT

5 A consensus method and a data verification method, apparatus, and system of a consortium
blockchain are provided in embodiments of the present specification. The consensus method
includes: when a target consensus node of a consortium blockchain performs a consensus
operation on a target consensus proposal, sending a verification signature to another consensus
node of the consortium blockchain, wherein the verification signature is used to represent at
10 least one consensus verification item set by the consensus node sending the verification
signature itself for the target consensus proposal. The target consensus node receives a
verification signature sent by another consensus node for the target consensus proposal. After
the target consensus node reaches a consensus on proposal data of the target consensus, a
block recording a collected verification signature corresponding to the target consensus and
15 the proposal data is generated. The data verification method includes: extracting, from a target
block of a target consensus node of the consortium blockchain, recorded proposal data and a
verification signature from at least one consensus node. Based on a quantity of extracted
verification signatures, the validity of the proposal data recorded in the target block is verified.

20 Fig. 1