(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/11/2023

(21) Application No.202311078181 A
(43) Publication Date : 29/12/2023

(54) Title of the invention : A METHOD FOR DEVELOPMENT OF MACHINE LEARNING-ENHANCED BLOCKCHAIN CONSENSUS MECHANISM

(51) International classification :H04L0009320000, G06N0020000000, H04L0009060000, G06F0021500000, G06Q0020060000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Accordingly, embodiments herein disclose a method for development of machine learning-enhanced blockchain consensus mechanism for scalable and efficient transaction validation. The method involves combining blockchain and machine learning (ML) may bring significant benefits and attracted great interests from both academia and industry. Further, the proposed method may involve significantly facilitating training data using blockchain and sharing ML model, decentralized intelligence, security, privacy, and trusted decision making of ML. The ML can have significant impacts on the development of blockchain in communications and networking systems, including energy and resource efficiency, scalability, security, privacy, and intelligent smart contract. The proposed method is to identify several important aspects of integrating blockchain and ML, including overview, benefits, and applications.

No. of Pages : 8 No. of Claims : 2