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(57) Abstract :
A system (100) for enhancing safety of the transaction at an automated banking machine comprising an automated banking machine (102), an image capturing unit (104) adapted to capture facial image of the user performing a financial transaction on the automated banking machine, a data storage unit (106) capable of storing the image captured by the image capturing unit (104), an extraction unit (108) configured to extract multi block (MB)- local binary patterns (LBP) of the captured image in R,G,B (Multi-color) channel in the form of a MB-LBP code, a classifier unit (112) adapted to categorize the captured face into an uncovered face or covered face, a transaction safety unit (110) in communication with the classifier unit, the transaction safety unit configured to notify the user to uncover the face on being detected as covered face

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