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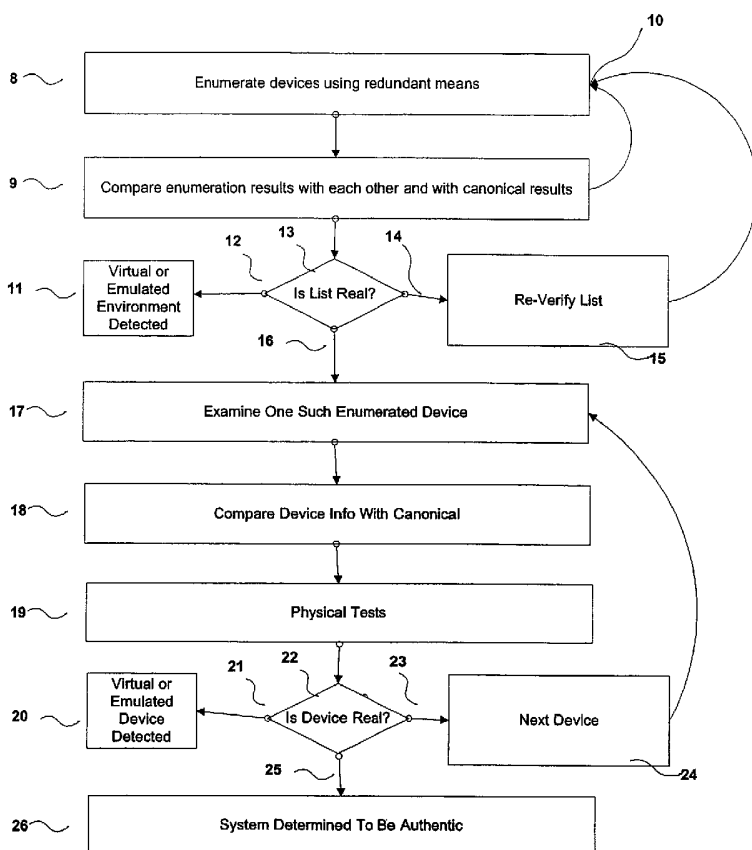
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(54) Title: SYSTEMS AND METHODS FOR THE PREVENTION OF UNAUTHORIZED USE AND MANIPULATION OF DIGITAL CONTENT



(57) Abstract: A number of systems and methods, alone, or in combination, achieve various levels of protection against unauthorized modification and distribution of digital content. This encompasses at least unauthorized study, modification, monitoring, reconstruction, and any other means for subversion from the originally intended purpose and license model of the digital content. The invention combines a number of techniques that in whole, or in part, serve to protect such content from unauthorized modification, reconstructive engineering, or monitoring by third parties. This is accomplished by means of methods which protect against subversion by specific tools operating on specific platforms as well as general tools operating on general platforms. Specific time domain attacks are identified, code modification can be identified and reversed, and virtual and emulated systems are identified. In addition, identification of in-circuit emulator tools (both software and hardware), debuggers, and security threats to running programs can be achieved.

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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