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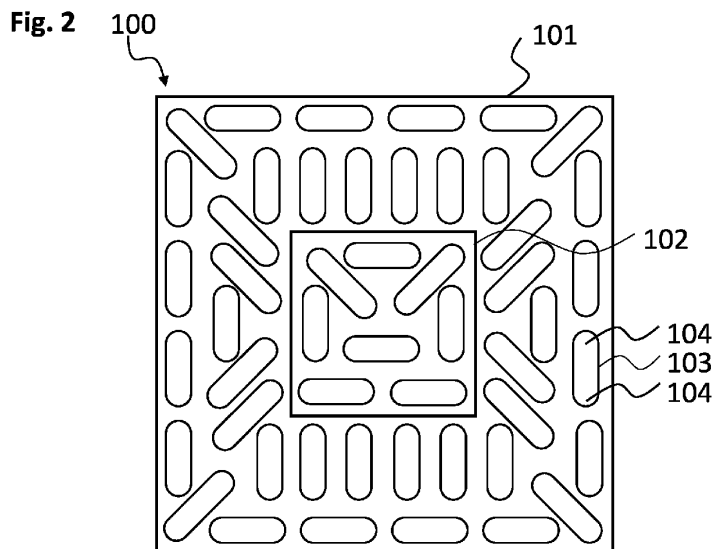


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(54) Title: COMPUTER-IMPLEMENTED METHOD FOR DECODING A MARKING ENCODING INFORMATION AND COM-
PUTER-IMPLEMENTED METHOD FOR ENCODING INFORMATION IN A MARKING



(57) Abstract: Method for decoding a marking, the marking including a specific layout of symbols encoding information, each symbol including a pair of differential elements having different values, the marking including a first and a second portion each including multiple symbols, the method comprising: scanning the marking using a scanning device to obtain scanned information; using the scanning device, decoding the first portion by applying a first decoding algorithm on the scanned information, the first decoding algorithm being stored on the scanning device and including information to decode only the symbols of the first portion; sending a characterization of the second portion to a remote server; and using the remote server, decoding the second portion by applying a second decoding algorithm on the characterization of the second portion, the second decoding algorithm being stored on the remote server and including

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information to decode the symbols of the second portion.