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(54) Title: SYSTEM AND METHOD FOR CLASSIFICATION AND RETRIEVAL OF CHINESE-TYPE CHARACTERS AND CHARACTER COMPONENTS

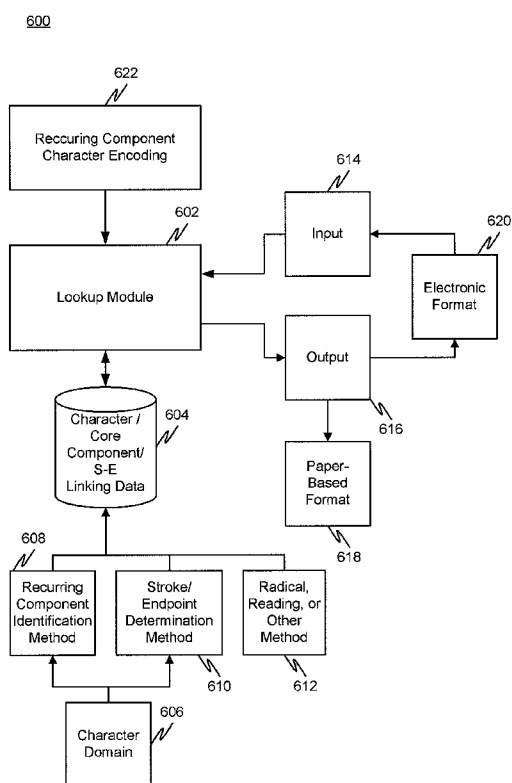


FIG. 6

(57) Abstract: Recurring components found in Chinese-type characters can be identified and classified by stroke count and free-endpoint count according to embodiments of the present invention. The bidirectional many-to-many relationships between characters and their components can be identified and recorded in electronic or non-electronic format and the recurring components can be ordered and retrieved according to stroke-endpoint value pair. In accordance with an embodiment, bidirectional many-to-many relationships between simple and composite components can be identified and recorded in an electronic or non-electronic format. An embodiment can provide a classification/retrieval method and apparatus for rapid search and retrieval of Chinese-type characters and their components based on stroke-endpoint value pairs and relationships between components and characters.



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