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(54) Title: **METHOD OF STROKE SEGMENTATION FOR HANDWRITTEN INPUT**

(57) Abstract

The method of the present invention includes a step of calculating the derivative (140), or instantaneous rate of change, of the curvature at points in the handwritten input (110). The method then selects as stroke boundary points certain points (or pixels) in the input which lie at a midpoint between a point of high curvature derivative and a succeeding point of low curvature derivative (150). Such boundary points are not influenced by absolute curvature values, but rather only by relative changes in the curvature. The stroke segmentation boundary points are provided to a stroke-based recognizer for interpretation of the handwritten input (170).

