Title (en)
METHOD FOR DESCRIBING PLANAR CURVES USING MORPHOLOGICAL SCALE SPACES

Title (de)
VERFAHREN ZUR BESCHREIBUNG VON PLANAREN KURVEN MITHILFE MORPHOLOGISCHER SKALENRÄUME

Title (fr)
PROCÉDÉ DE DESCRIPTION DE COURBES PLANAIRES AU MOYEN D'ESPACES D'ÉCHELLES MORPHOLOGIQUES

Publication
EP 3092602 A1 20161116 (EN)

Application
EP 14710049 A 20140110

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Abstract (en)
[origin: WO2015104585A1] The invention relates to a method to construct a descriptor from binary silhouette images. The input image is a black-and-white (binary) image including the silhouette (a complete closed region of white pixels) of an object (i.e. a target) in front of a complete black background. The method calculates curvatures for both the Gaussian Scale-space and the morphological scale-space of the curve. Then these planar orientations are mapped to a color image, in order to describe the silhouette object. This descriptor can be used for object recognition purposes.

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CPC (source: EP KR US)
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Citation (search report)
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