

# METHOD AND SYSTEM FOR IMAGE EXTRACTION AND IDENTIFICATION

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## Abstract

The present invention provides a method for extracting an image texture signal, a method for identifying image and a system for identifying an image. The method for extracting an image texture signal comprises the following steps: extracting a first image signal; employing a first operation procedure to the first image signal to obtain a second image signal; employing a second operation procedure to the second image signal to obtain a third image signal; employing a third operation procedure to the third image signal to obtain a fourth image signal; outputting the fourth image signal. Therefore, the first image signal is transformed to the fourth image signal via the method for extracting an image texture signal.

Keyword : Face Recognition, Illumination Compensation, Homomorphic Filtering