Abstract

Noise removal method is used to pre process the input image and blob detection method is used to localize and segment Indian number plates. The segmented characters on the number plate region are compared with the previously stored character database and finally approve authentication or access permission for different vehicles.

References

- Prateek Banga Automatic Number Plate Recognition System for Indian conditions" 978-1-4244-3538-8/09/$25. 00 ©2009 IEEE
- Parking surveillance and number plate recognition application Plett Szilveszter, Gálf Cs On g SISY 2010 • 2010 IEEE 8th International Symposium on Intelligent Systems and Informatics September 10-11, 2010, Subotica, Serbia
Noise Removal and Blob Detection Approach for Number Plate Identification

- Automatic Vehicle Identification by Plate Recognition-Serkan Ozbay, and Ergun Ercelebi - World Academy of Science, Engineering and Technology 9 2005
- Automatic License Plate Localization Using Intrinsic Rules Saliency Chirag N. Paunwala, Dr. Suprava Patnaik (IJACSA) , Special Issue on Image Processing and Analysis

**Index Terms**

Computer Science Pattern Recognition

**Keywords**

Noise Components Blobs Blob Identification Morphological Operation Aspect Ratio Classification