ABSTRACT

ROBUST IDENTIFICATION CODE RECOGNITION SYSTEM

A method and system for recognizing the characters on surfaces where alphanumeric identification code ("ID" for short) may be present such as a license plate. The present system is particularly adapted for situations where visual distortions can occur, and utilizes a highly robust method for recognizing the characters of an ID. Multiple character recovery schemes are applied to account for a variety of conditions to ensure high accuracy in identifying the ID. Accuracy is greatly enhanced by taking a comprehensive approach where multiple criteria are taken into consideration before any conclusions are drawn. Special considerations are given to recognizing the ID as a whole and not just the individual characters.

FIG. 2