ABSTRACT

A vehicle number identification device includes a registration-number-information acquisition part configured to acquire registration number information associated with an identification media installed in a vehicle; a number-plate-image acquisition part configured to acquire a number-plate image of the vehicle; an OCR processing part configured to acquire OCR resultant information representing a result of an optical character recognition with respect to the number-plate image; an estimation processing part configured to input the number-plate image into a machine-learning model and to acquire estimation result information output from the machine-learning model; and a matching determination part configured to determine whether at least two types of information out of the registration number information, the OCR resultant information, and the estimation result information indicate a same vehicle number and to identify the same vehicle number as a vehicle number of the vehicle.