

ABSTRACT

MOVING BODY MONITORING SYSTEM, CONTROL SERVER OF MOVING BODY MONITORING SYSTEM, AND MOVING BODY MONITORING METHOD

A system includes: a laser radar (1) irradiating a detection region and detecting a reflected signal of the laser by a moving body in the detection region at a predetermined cycle, a vehicle detecting unit (23) detecting a vehicle existing in the detection region based on the reflected signal detected by the laser radar (1), a vehicle tracking unit (24) setting a plurality of divided regions in the detection region and detecting a moving direction of the vehicle based on a presence or absence of the vehicle in each of the divided regions detected by the vehicle detecting unit (23) at each predetermined cycle, and a traffic flow calculating unit (25) calculating a traffic flow data including a number of vehicles in each of the divided regions detected by the vehicle detecting unit (23) and the moving direction of each vehicle detected by the vehicle tracking unit (24).

FIG. 1