

ABSTRACT**PASSAGE DETECTION SYSTEM, PASSAGE DETECTION METHOD,
PASSAGE DETECTION DEVICE, PROGRAM, AND RECORDING MEDIUM**

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A passage detection system includes a positioning device (130) measuring its own position using radio navigation and autonomous navigation; and a passage detection device (110) detecting passage of a vehicle at a predetermined position. The passage detection device (110) includes a position specifying unit configured to specify a position of the vehicle by correcting a positioning result measured by the positioning device (130) on the basis of systematic error information prepared in advance regarding a systematic error of the positioning result of the positioning device (130) and on the basis of a travel state of the vehicle, and a passage determination unit configured to determine whether the vehicle has passed the predetermined position on the basis of a variation with time in the position specified by the position specifying unit.

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Fig 1