

NAVIGATIONAL SIGN IDENTIFYING DEVICE, AUTONOMOUS
CRUISING SYSTEM, NAVIGATIONAL SIGN IDENTIFYING METHOD,
AND PROGRAM

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ABSTRACT

The present disclosure provides a navigational sign identifying device capable of discriminating a port sign and a starboard sign without depending on a position of a ship. The navigational sign identifying device includes an acquirer, a mode identifier, a country determinator, and a port-starboard determinator. The acquirer acquires an image generated by a camera installed in a ship. The mode identifier identifies whether a mode of a lateral buoy included in the image is either one of a first mode and a second mode. The country determinator determines a country to which a position of the ship detected by a position detector belongs, and the position detector detects the position. The port-starboard determinator determines whether description of a sign of the lateral buoy is either one of the port sign and the starboard sign, from the mode of the lateral buoy and the determined country, based on a given correspondence relationship indicative of whether each of the first mode and the second mode corresponds to either one of the port sign and the starboard sign in each country.

(Fig. 14)