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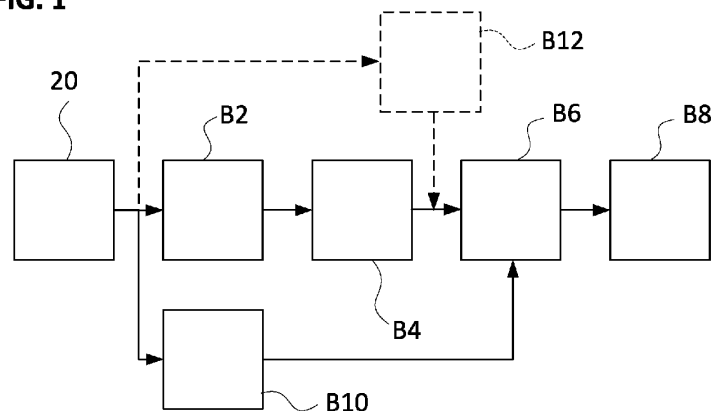
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(54) Title: METHOD FOR DETERMINING A VESSEL-WATER INTERFACE, AND METHOD AND SYSTEM FOR DETERMINING A POSITIONAL RELATIONSHIP BETWEEN AN EGO VESSEL AND A TARGET VESSEL

FIG. 1



(57) Abstract: A method for determining a vessel-water interface (40) between at least one target vessel (34) and a water surface (22) of a waterbody, on which the target vessel (34) sails, from an image (20) showing the target vessel (34) on the waterbody, the method comprising: determining interface values for pixels of the image (20), the interface values being representative for a probability of the corresponding pixels showing the vessel-water interface (40) or not; determining bounding box data of a bounding box (32) surrounding the target vessel (34) within the image (20) from the image data; and determining vessel-water interface data, the vessel-water interface data being representative for a position and extension of the vessel- water interface (40) within the image (20), depending on the determined interface values and the bounding box data.

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