

Title (en)
WATERCRAFT HAVING A PLURALITY OF SENSOR ARRANGEMENTS

Title (de)
WASSERFAHRZEUG MIT EINER MEHRZAHL VON SENSORANORDNUNGEN

Title (fr)
EMBARCATION DOTÉE D'UNE PLURALITÉ D'AGENCEMENTS DE CAPTEURS

Publication
EP 4378147 A1 20240605 (DE)

Application
EP 22751672 A 20220713

Priority
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Abstract (en)
[origin: WO2023006436A1] A watercraft (20) having a plurality of sensor arrangements (22) is shown, each of which comprises a multiplicity of sensors (24). The sensors are designed to record sensor data (58) and to convert said data into an electrical signal that corresponds to the sensor data (58), the sensor arrangements (22) or the sensors (24) being designed to provide each of the electrical signals in the form of a data packet (29), the data packet (29) having an identification number that uniquely characterizes the data packets (29). Furthermore, the watercraft comprises a first and a second packet switching unit. The first packet switching unit (26a) maintains one first sensor Ethernet connection (30a, 30c) per sensor (24) or per sensor arrangement (22) in order to obtain the data packets (29) from the sensors (24). The second packet switching unit (26b) maintains one second sensor Ethernet connection (30b, 30d) per sensor (24) or per sensor arrangement (22) in order to obtain the data packets (29) from the sensors (24). A signal receiver processes the sensor data (58). The first and second packet switching units (26) are each designed to buffer the data packets (29) of the sensors (24) and to transmit them to the signal receiver (28), the signal receiver (28) being designed so as, if two data packets (29) arrive with the same identification number, to reject one of the two data packets (29).

IPC 8 full level
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