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(54) Title: AN AIR SUPPLY SYSTEM FOR A HULL OF A VESSEL AND A VESSEL COMPRISING THE AIR SUPPLY SYSTEM

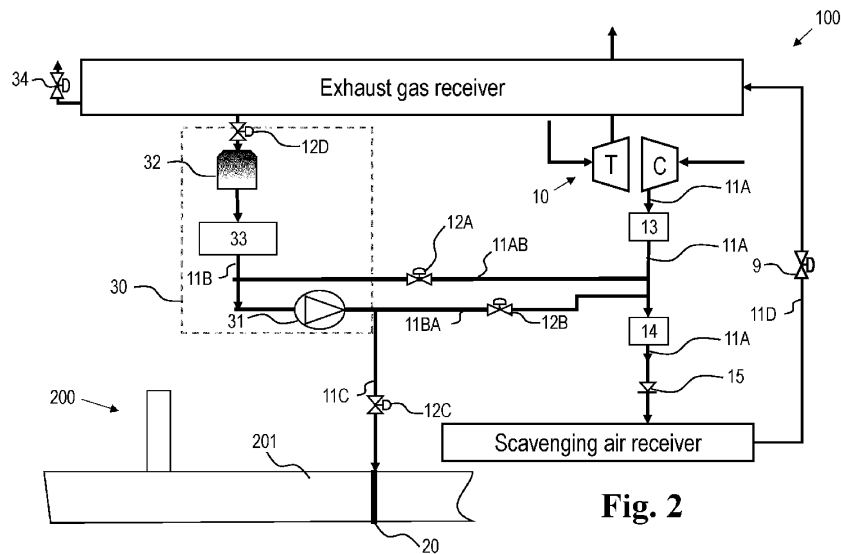


Fig. 2

(57) Abstract: Disclosed is an air supply system (100) for supplying air to an outside of a hull (201) of a vessel (200). The vessel comprises an engine. The air supply system comprises one or more turbocharger(s) (10) for supplying a compressed main air flow to the engine of the vessel via a respective first flow path (11A). The air supply system comprises an exhaust gas recirculation (EGR) system for recirculating exhaust gas into the compressed main airflow supplied to the engine via a second flow path (11B). The air supply system comprises a third flow path (11C) for supplying a sub-flow of compressed air to one or more Air Discharge Units (ADUs). The EGR system comprises a blower (31) arranged in the second flow path (11B) for supplying exhaust gas to the engine. The first flow path and the second flow path have a first connecting path (11AB) upstream of the blower (31) and a second connecting path (11BA) downstream of the blower. The third flow path is in fluid connection with the first flow path and the second flow path downstream of

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the blower, such that the sub-flow of compressed air can be extracted from the first flow path and/or the second flow path.