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(54) Title: REDUCING DRAG OF A HULL OF A SHIP

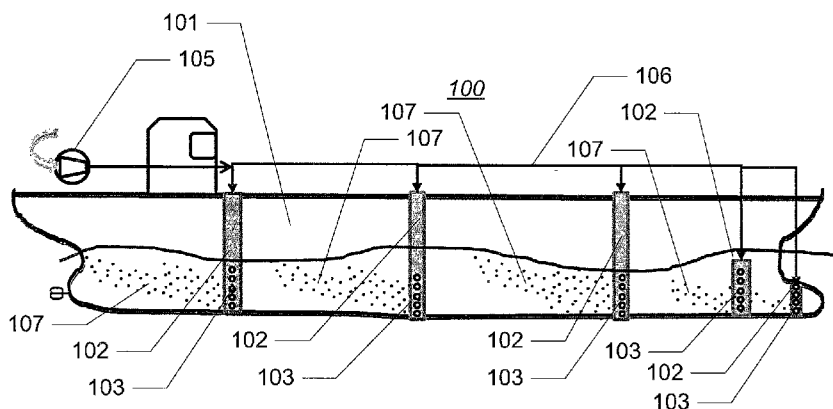


Fig. 1

(57) Abstract: Disclosed is an apparatus for generating bubbles for reducing drag on a hull of a ship, wherein the bubble generating device is attachable to an outer surface of the hull, and wherein the apparatus comprises one or more microfluidic device for controlling a bubble size of the generated bubbles.