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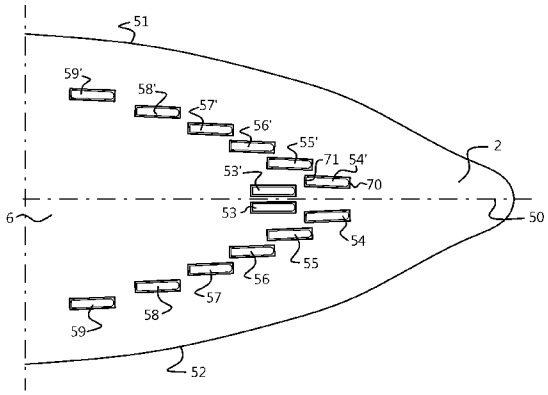
(54) Title: AIR LUBRICATION SYSTEM AND VESSEL COMPRISING SUCH A SYSTEM

Fig. 7



(57) Abstract: The invention relates to a vessel (1) having at least three cavities that are distributed across the bottom in the length direction along a line extending from the center line near the bow, to a respective side. Furthermore, the invention encompasses a vessel that accommodates for each cavity or pair of cavities on opposite sides of the center line at a predetermined length position, a corresponding compressor for injecting air into the cavity at a pressure substantially corresponding to the hydrostatic pressure in each cavity. Each cavity (33) may include a deflector that has an elongate part (29,34,34') extending in the length direction of the cavity over at least at least 5%, preferably at least 10% of the cavity length L. An air inlet opening (23) may be provided in the top wall (19).