

ABSTRACT OF THE DISCLOSURE

WING FOR WIDE TOW OF GEOPHYSICAL SURVEY SOURCES

Techniques are disclosed relating to wide towing of marine survey signal sources. In one embodiment, an apparatus includes a signal source and a wing coupled to the signal source. In this embodiment, the wing is configured to impart a force to the signal source when towed through a body of water by a survey vessel. In this embodiment, the force includes a lateral component and a vertical component. The wing may be configured to impart the force based on a shape of the wing and an orientation of the wing. The wing may extend over at least a third of a length of a keel of the apparatus. At least a majority of a top surface of the wing may be oriented within 20 degrees of parallel to a surface of the body of water. The wing may include a plurality of wing sections.

FIG. 3A