

ABSTRACT**Submerged object suspended from a towing cable optimized to neutralize disrupting hydrodynamic forces**

The invention relates to an object (20) that can be towed in a fluid by a cable (12) along a substantially horizontal transport axis (X); the object (20) comprising a body (21) suspended under gravity from the cable (12) by a fixing arm (22a, 22b), and comprising:

- an exterior hydrodynamic surface (24) that is symmetric with respect to a vertical plane (P_{sv}) containing the transport axis (X), so as to limit the lateral lift of the body (21), and
- an opening (30) passing through the body (21) along a vertical axis (Z) and configured to equalize the pressures of fluid flowing along the exterior surface (24),

making it possible to limit the hydrodynamic forces that may be generated perpendicular to the transport axis (X) giving rise to a force in rotation about the transport axis (X) opposing the effect of gravity.

FIG 2a