

ABSTRACT

5 **FAIRING ELEMENT, FAIRING, ELONGATE FAIRED ELEMENT AND TOWING**
 ASSEMBLY

A fairing element (230) intended to fair an elongate element (1) comprising a canal (16) intended to accept the elongate object (1) and being profiled in
 10 such a way as to reduce the hydrodynamic drag of the elongate object (1) when the elongate object is at least partially immersed, said fairing element comprising a leading edge (BA) and a trailing edge (BAPb), said fairing element being intended to be pivot-mounted on the elongate element around the longitudinal axis of the canal (16), said fairing element (230) comprising a
 15 bearing edge comprising a first bearing edge (Bzb) which is mitered with respect to the leading edge (BA), the first bearing edge (Bzb) being arranged in such a way that the distance between the leading edge (BA) and the bearing edge (BAPb), considered perpendicular to the leading edge (BA), decreases continuously, along an axis parallel to the leading edge (BA), from
 20 a first end of the first bearing edge (Bzb) to a second end of the bearing edge, said fairing element being referred to as a mitered fairing element, the mitered fairing element comprising a first part (231) and a second part (232) which are joined together along a first bearing edge (Bzb) so that the fairing element (232) can pass from a deployed configuration in which the trailing edge (BF) is parallel to the leading edge (BA) to a folded configuration in
 25 which the fairing element is folded along the first bearing edge (Bzb).

Fig 13