

ABSTRACT

TOWING ASSEMBLY

5 Towing assembly comprising a towing and handling device intended to tow a
faired elongate element, the towing device comprising a winch (5) allowing
the faired elongate element (1) to be wound in and paid out through a guide
device (4) that allows the elongate element (1) to be guided, the guide device
comprising a first groove (24) the bottom (26) of which is formed by the
10 bottom of the groove of a pulley (4), the first groove (24) being delimited by a
first surface (25) having a profile that is concave in a radial plane of the
pulley, the width of the first groove and the curvature of the profile of the first
curved surface in the radial plane being determined in such a way as to allow
the fairing element, under the effect of the rotation of the fairing element
15 about the axis of the elongate element under the effect of the traction of the
elongate element with respect to the guide device along the longitudinal axis
thereof, to flip from a turned-over position in which the fairing element is
oriented with its trailing edge toward the bottom of the first groove into an
acceptable position in which it is oriented with the leading edge toward the
20 bottom of the first groove.

Fig 7