

Abstract

Reel System for a Vehicle

The invention is based on a reel system (26a, 26b, 26c) for a vehicle (2), especially for a guided
5 missile, comprising an underwater reel (30a, 30b, 30c) with at least one spindle (34a, 34b, 34c) and
at least one winding package (36a, 36b, 36c), which
is provided for withdrawal during underwater travel
of the vehicle (2), an air reel (28a, 28b, 28c) with
10 at least one spindle (32a, 32b, 32c) and at least
one winding package (38a, 38b, 38c), which is
provided for a subsequent airborne withdrawal as far
as a target (14) and for remaining on the vehicle
(2) until then, and a continuous data line (4) that
15 is wound on both reels (28a, 28b, 28c, 30a, 30b,
30c).

In order to prevent entanglement of the data line
(4) at the transition between an underwater segment
20 (40) and an air segment (44) of the data line (4),
it is proposed that the underwater reel (30a, 30b,
30c) is attached to the air reel (28a, 28b, 28c) so
as to be secure against being dropped.

25 FIG 6