

ABSTRACT

DEVICE FOR WINDING AND UNWINDING A CABLE AROUND A DRUM

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A device for winding and unwinding a cable including a winch (1) comprising a chassis, an electric motor for driving a drum in rotation in relation to the chassis, locking/unlocking means comprising a first induction coil and configured such as to immobilize the drum in relation to the chassis when the first coil is not being powered electrically, the device including a second induction coil that is powered electrically, dimensioned and arranged such that the magnetic field generated by the assembly formed by the first and second coils, when the first coil is powered electrically, is less than the magnetic field generated by the first coil at a point located at a distance from the winch that is greater than a predetermined threshold, the electrical energizing and de-energizing of the second coil being synchronized with the electrical energizing and respectively de-energizing of the first coil.

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Figure 1