

Title (en)

ARRANGEMENTS IN A PROTECTION CONTAINER FOR AN ELECTRICAL CABLE

Title (de)

ANORDNUNGEN IN EINEM BEHÄLTER ZUM SCHUTZ EINES ELEKTRISCHEN KABELS

Title (fr)

AGENCEMENTS DESTINES A UN BOITIER DE PROTECTION D'UN CABLE ELECTRIQUE

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Application

EP 97949263 A 19971125

Priority

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Abstract (en)

[origin: WO9826485A1] An upright protection container (10) having an upper hatchway (38) which can be closed by means of a hatch cover (36, 36', 36'') rotatable about an upper horizontal axis (40), is equipped with a withdrawal device (20, 22, 24) provided with a weight (22) and assigned a cable (12) which, at the free end, has a plug (14) intended to be plugged into e.g. an engine heater's socket (46). The hatch cover (36, 36', 36'') has a ratchet segment (42) in the form of toothed segment in engagement with a ratchet wheel (28') with a circumferential toothing and incorporated into a combined cable guide pulley-ratchet wheel unit over a certain pivotal angle area (e.g. 30 DEG) of the total rotation (e.g. 90 DEG) of the hatch cover (36, 36', 36''), between completely open end position and completely closed, down hanging end position, so that the hatch cover (36, 36', 36'') is blocked in an open intermediate position (e.g. 35 DEG between the plane of the hatch cover and a vertical plane extending through the rotational axis (40)), simultaneously as the guide pulley-ratchet wheel unit (28, 30, 28') is blocked. This secures that the hatch cover automatically is kept open while the live cable (12) with its plug (14) is in use, simultaneously as undesired feed-out of surplus cable length is prevented upon the blockage of the guide pulley-ratchet wheel unit (28, 30, 28').

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