

Title (en)

MOTORIZED WINCH FOR RAISING AND LOWERING OBJECTS BY MEANS OF CABLES WITH RESPECT TO A FACILITY

Title (de)

MOTORWINDE ZUM HEBEN UND ABSENKEN VON GEGENSTÄNDEN MITTELS SEILEN RELATIV ZU EINER ANLAGE

Title (fr)

TREUIL MOTORISÉ PERMETTANT D'ÉLEVER ET D'ABAISSEZ DES OBJETS AU MOYEN DE CÂBLES PAR RAPPORT À UNE INSTALLATION

Publication

EP 2857343 A1 20150408 (EN)

Application

EP 13186985 A 20131001

Priority

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Abstract (en)

A motorized winch for raising and lowering, for example, theater scenery by means of cables and which incorporates a tubular support enclosure for supporting and housing a moving drum and the required components for driving, emergency braking and for moving the drum in synchronization with relation to the cable guiding means, preferably mounted on the tubular support enclosure, and for driving the electrical sensors (limit switches and encoder) if desired. This improved winch includes alternate means for supporting the winch unit from the tubular support enclosure through rollers or sliding bearings, mounted to the inside of the tubular support enclosure and engaging the support means part of the movable winch unit. The winding and unwinding of the cables on or off the drum does not change the cable runs relative to the cable guiding means. The improved winch can be used in theaters and can be installed at the sides of the stage, up at the stage gridiron, or above the gridiron.

IPC 8 full level

B66D 1/39 (2006.01)

CPC (source: EP)

A63J 1/028 (2013.01); **B66D 1/39** (2013.01)

Citation (applicant)

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- US 6520485 B1 20030218 - SOOT OLAF [US]

Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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