

Title (en)

LOAD BALANCING FOR A WINCH WITH TWO PULL WIRES AND WINCH EQUIPPED WITH SAME

Title (de)

KRAFTAUSGLEICHSVORRICHTUNG FÜR EINE ZWEISEILENWINDE UND WINDE MIT SOLCHER VORRICHTUNG

Title (fr)

DISPOSITIF D'EQUILIBRAGE D'EFFORTS POUR UN TREUIL A DEUX CABLES DE TRACTION ET TREUIL MUNI D'UN TEL DISPOSITIF

Publication

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Application

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Abstract (en)

[origin: WO0138217A1] The invention concerns a load balancing device (4, 5) consisting of a planetary or trochoidal mechanical differential speed reducer, arranged on a winch (3) comprising two drums (32, 33, 36, 37) and enabling to balance the torque exerted on the drums. Thus, if a cable (210, 211, 220, 221) is improperly wound on one of the drums the balancing device enables the tensile load exerted on each wire to remain identical. Such a device is particular efficient to ensure security for a working platform (10) operating on a building façade (10).

IPC 1-7

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IPC 8 full level

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