

Title (en)

Procedure and device for monitoring and/or controlling the speed of an electric drive with frequency converter for lifting gears

Title (de)

Verfahren und Einrichtung zum Überwachen und/oder Steuern der Drehzahl eines Elektroantriebs mit Frequenzumrichter für Hubwerke

Title (fr)

Procédé et dispositif pour la surveillance et/ou la commande de la vitesse de rotation d'une commande électrique avec convertisseur de fréquence pour dispositifs de levage

Publication

EP 0710619 B1 20000412 (DE)

Application

EP 95250263 A 19951031

Priority

DE 4440420 A 19941107

Abstract (en)

[origin: EP0710619A2] The rev control system uses a rev control device (9) connected to the frequency converter (13) for supplying the asynchronous winch motor (1), a safety brake (11) for the latter and a rev counter (6) indicating the actual motor revs, for maintaining the max torque delivered by the motor to a value which is less the braking torque of the braking device. Pref. the rev control calculates the max. operating frequency for the winch motor in dependence on the lifted load (5), with continuous comparison of the actual frequency with the max. frequency for rev regulation.

IPC 1-7

B66C 13/26; **B66D 1/48**; **H02P 7/628**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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EP 0710619 A2 19960508; **EP 0710619 A3 19960515**; **EP 0710619 B1 20000412**; DE 4440420 A1 19960509; DE 4440420 C2 19970320; DE 4440420 C3 20030724; DE 59508166 D1 20000518; JP 3803128 B2 20060802; JP H08208189 A 19960813; US 5818185 A 19981006

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