

Title (en)

Motor control apparatus providing exercise resistance and auto-rewinding functions

Title (de)

Motorsteuerungsvorrichtung mit Funktionen für Übungsresistenz und automatische Aufwicklung

Title (fr)

Appareil de commande de moteur procurant des fonctions de résistance à l'exercice et d'auto-rembobinement

Publication

EP 2018896 A1 20090128 (EN)

Application

EP 07014421 A 20070723

Priority

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Abstract (en)

A motor control apparatus providing an exercise resistance and an auto-rewinding function mainly employs a microprocessor (10) to operate with a current detection feedback loop (12) and a motor rotation speed detection loop (14) for precisely controlling a quick random operation of a motor (20) such that an axle (22) of the motor (20) can quickly control a loss braking unit (40) and a power driving unit (30) based on the existence of an external force, and the motor (20) can automatically switch to an electric generator output mode (for providing an exercise resistance) or an electric machine output mode (for providing the automatic rewinding function).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

DE ES FR GB IT SE

Designated extension state (EPC)

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