

Title (en)

Feedback system for a motorized brake system for an indoor exercising device.

Title (de)

Rückkopplungsgerät für eine motorisierte Bremsvorrichtung eines Heimsportgeräts.

Title (fr)

Dispositif de contre-réaction pour un dispositif de réglage de freinage motorisé pour appareil d'exercice.

Publication

**EP 0528066 A1 19930224 (EN)**

Application

**EP 91113896 A 19910820**

Priority

EP 91113896 A 19910820

Abstract (en)

A system for Tension Brake Motor's Brake Signal Feedback for indoor devices usually consists of a power box (10), a motor (M), a reduction gear set, a signal feedback device (70) and a tensile transmission part (42). The signal feedback device makes a comparison between resistance signal feedback (32) of the straight line displacement corresponding to tensile transmission part and the set resistance value (50), thus forming an amplification of voltage difference which is used to drive the motor (M) to force a step-by-step adjustment of the signal feedback device and tensile transmission part for a revision until the set resistance value equals to the feedback resistance value and the motor stops. With rapid detection and with the obtaining of required belt checking tensile strength, the safety is attained. <IMAGE>

IPC 1-7

**A63B 21/015**

IPC 8 full level

**A63B 21/015** (2006.01)

CPC (source: EP)

**A63B 21/015** (2013.01)

Citation (search report)

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CN117020540A

Designated contracting state (EPC)

DE ES

DOCDB simple family (publication)

**EP 0528066 A1 19930224**

DOCDB simple family (application)

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