

Title (en)  
Sports training apparatuses.

Title (de)  
Sportliche Trainingsgeräte.

Title (fr)  
Perfectionnement aux appareils entraineurs de sportifs.

Publication  
**EP 0152713 A1 19850828 (FR)**

Application  
**EP 84402720 A 19841226**

Priority  
FR 8402243 A 19840207

Abstract (en)  
1. A sportsman training apparatus, in particular intended for sportsman over racing-track, specially over stadium, swimming-pool, cycle racing-track motordrome and the like, which comprises a programmable electric central unit, particularly as a function of the sportsman, his performances and training conditions, and able to be modified and adapted, as also signal emitters with regards to the sportsman, from warning blocks (2) distributed over the circuit, and transmission means connecting the central unit (1) with said blocks (2), characterized by the fact that : 1) the signal emitting and warning blocks (2) comprise a) means (13, 18) for detecting and decoding the signals which are intended for it, emitted from the central unit (1), b) means (14) for treating and shaping said signals, c) personalized means (20) for the sportsman, assuring the warning of the start approach, d) means (16) assuring the start orders, e) means advising of the difference of larger or smaller time, at the passage of the sportsman, with respect to the programmed time, 2) the transmission means (26) from the central unit to the warning and emitting blocks (2) for successively releasing, in due time, in the latter, the warning process provided under 1), are whether in the shape of a parallel cabling successively joining together the central unit and the different blocks, or by a hertzian connection.

Abstract (fr)  
L'invention concerne des appareils entraîneurs de sportifs. Elle est caractérisée par le fait que l'unité de contrôle a une structure analogue à celle d'un distributeur de billets comprenant un système informatique avec - une identification du sportif par la lecture d'une carte propre à l'individu et incorporant en mémoire toutes les informations, - un clavier (4), - un écran vidéo (5), - une imprimante (6), - une mémoire (7), - un ensemble (8) à base de microprocesseur permettant la liaison des éléments précédents, le traitement des informations reçues et l'envoi des signaux par les moyens de transmission.

IPC 1-7  
**A63B 69/00**

IPC 8 full level  
**A63B 24/00** (2006.01); **A63B 26/00** (2006.01); **A63B 69/00** (2006.01); **A63B 71/06** (2006.01); **A63K 3/02** (2006.01)

CPC (source: EP)  
**A63B 71/0686** (2013.01)

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• [YD] FR 2105662 A5 19720428 - VIDEMENT JEAN  
• [Y] EP 0028209 A1 19810506 - SMIDAK EMIL F  
• [AD] FR 2155149 A5 19730518 - BREL JEAN

Cited by  
US4907795A; FR2623723A1; WO0187430A1

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