

Title (en)

METHOD FOR MONITORING OR VISUALIZING THE RUNNING SPEED OF AN ATHLETE AND ATHLETIC GARMENT

Title (de)

VERFAHREN ZUR ÜBERWACHUNG ODER VISUALISIERUNG DER LAUFGESCHWINDIGKEIT EINES SPORTLERS UND SPORTBEKLEIDUNG

Title (fr)

PROCÉDÉ DE SURVEILLANCE OU DE VISUALISATION DE LA VITESSE DE COURSE D'UN ATHLÈTE ET VÊTEMENT DE SPORT

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Application

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Abstract (en)

[origin: WO2020114596A1] The invention relates to a method for monitoring or visualizing the running speed (v) of an athlete (1). To determine the running speed of the athlete in an easy manner the proposed method comprises the steps: a) Providing a piece of garment (2) or a shoe (2'), which are worn by the athlete (1) during running, wherein the piece of garment (2) or the shoe (2') is provided with a coating (3) applied at an outer surface (4) of the piece of garment (2) or the shoe, wherein the coating (3) comprises at least one thermochromic dye or at least one liquid crystal, or wherein the piece of garment (2) or the shoe (2') is made at least partially of a material, especially by a yarn, which comprises at least one thermochromic dye or at least one liquid crystal; b) Monitoring the color (C1, C2, C3) of the at least one thermochromic dye or liquid crystal during running of the athlete (1); c) Evaluating the running speed (v) of the athlete (1) on the basis of the actual color (C1, C2, C3) of the at least one thermochromic dye or liquid crystal. Furthermore, the invention relates to an athletic garment or shoe.

IPC 8 full level

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Citation (search report)

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