

Title (en)
TIMING SYSTEM

Title (de)
ZEITMESSANLAGE

Title (fr)
INSTALLATION DE MESURE DE TEMPS

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Application
EP 15710424 A 20150128

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Abstract (en)
[origin: WO2015117734A2] The invention relates to a timing system for measuring a runner's (2) running time between two presence points (3) of the runner's running path, comprising a measurement beam receiver (MSE (5)) and a measurement beam emitter (MSG (6)). The measurement beam (8) from these intersects said running path. When reception of the measurement beam is interrupted, presence signals are generated for the runner that are evaluated in the timer (8) in order to acquire and output the running time. In a running path with a turn-around between a start/finish line (SZL (10)) and a turn-around point (4.3), or a running path that is undulating to zig-zagged, the measurement beam receiver MSG (beam source 6.2, mirror 6.1) is situated at the ends of said running path. Presence signals are generated at the turn-around point (4.3) and/or at least one of the turning points (3) of said running path. In addition, the pairing of an additional measurement beam receiver [start/finish MSE (5.2)] and beam source (6.2), with a measurement beam perpendicularly intersecting the running path, can be arranged on the start/finish line (10) and is preferably integrated into a shared timer unit (9).

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