

Title (en)

Stand device for holding a bicycle stationary while simulating road running conditions.

Title (de)

Stützvorrichtung zur stationären Aufrechterhaltung eines Fahrrades mit Simulierung von Strassenfahrtbedingungen.

Title (fr)

Dispositif de maintien stationnaire d'une bicyclette avec simulation de conditions de course sur route.

Publication

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Application

EP 84103173 A 19840322

Priority

IT 1810883 A 19830330

Abstract (en)

The involved technical field is that of training appliances for cycling and the application is concerned with a stand device for holding a bicycle stationary while simulating road running conditions. The technical problem was that of providing a device which could simulate with a high degree of verisimilitude road running, and the solution resides in a structure comprising two supporting rollers (2, 3), one for each wheel, which are kinematically connected to each other and to a fan (9) blowing a flow of air against the bicycle (1), the bicycle (1) being supported on means (10, 11, 12, 13) adapted to heel and move sideways.

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Citation (search report)

- [Y] CH 137231 A 19291231 - SCHINDLER ALFRED [CH]
- [Y] US 4082265 A 19780404 - BERKES JAMES R
- [A] DE 2208948 A1 19730906 - PSIUK KLEMENS
- [A] AT 1261 B 19000425 - BIELAWSKI WIKENTI VON
- [A] FR 633436 A 19280128
- [A] US 3513928 A 19700526 - EMMONS GLENN L
- [A] US 3871648 A 19750318 - MAURER III ROBERT A
- [A] AT 72695 B 19161110 - KOLOWRAT-KRAKOVSKY ALEXANDER G

Cited by

WO2016016493A1; US4958831A; US4925183A; IT201800003780A1; GB2195549A; US4589656A; ES2220206A1; US4576376A; DE3642530A1; ES2557852A1; DE4012063A1; EP0453766A3; US7582044B2; WO2004094006A1; WO8809688A1; DE102021132845B3

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