

Title (en)
CYCLING SHOE

Title (de)
FAHRRRADSCHUH

Title (fr)
CHAUSSURE DE CYCLISME

Publication
EP 3609359 A1 20200219 (EN)

Application
EP 18734287 A 20180410

Priority
• IT 201700040113 A 20170411
• IB 2018052493 W 20180410

Abstract (en)
[origin: WO2018189669A1] A shoe (1), for cycling, has a sole (2) whereby the user exerts a pressure on a pedal and which is provided with housing (3) inside the sole (2) which includes a stiff container (7) which, inside thereof, receives: a gyroscope (11), a three-axis accelerometer (12) and a control unit (10), comprising a microprocessor, which receives the signals produced by the gyroscope (11) and by the accelerometer (12), with a software discriminating the different activities performed by the user of the shoe and identifies the pedalling activity; and a driving unit for turning-on and turning-off at least one light (14, 15), positioned on the shoe (1), which is activated when a pedalling activity is detected, said at least one light (14, 15) being visible outside the shoe sole.

IPC 8 full level
A43B 3/00 (2006.01); **A43B 5/14** (2006.01)

CPC (source: EP US)
A43B 3/36 (2022.01 - EP US); **A43B 5/14** (2013.01 - EP US)

Citation (search report)
See references of WO 2018189669A1

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