

Title (en)
SMART DEVICE

Title (de)
INTELLIGENTE VORRICHTUNG

Title (fr)
DISPOSITIF INTELLIGENT

Publication
EP 3907716 B1 20231108 (EN)

Application
EP 21171976 A 20210504

Priority
IT 202000010186 A 20200507

Abstract (en)
[origin: EP3907716A1] A smart device (10) comprising a wearable basic element (11) designed to be worn by a user (200), characterized in that it comprises a monitoring device (20) provided with at least one first longitudinally extended portion which extends along a respective main axis of extension (101) and which comprises:- a geolocation module (21) for identifying the geographical position of the monitoring device (20) by way of a global navigation satellite system (GNSS) (300),- at least one longitudinally-extended antenna (22) associated with the geolocation module (21) and arranged at least parallel to the main axis of extension (101),- an inertial measurement unit (25) which comprises at least one accelerometer and a gyroscope,- an electronic control and actuation unit (23), at least one power supply battery (24), and a transceiver (26),said monitoring device (20) being functionally connected to a processing device (30) configured to identify the position and the movement in space of at least one portion of the body of the user (200) as a function of the data acquired by the geolocation module (21) and by the inertial measurement unit (25).

IPC 8 full level
G08B 21/04 (2006.01); **G08B 25/01** (2006.01)

CPC (source: EP)
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