

Title (en)

PULSE SENSOR, PULSE METER, OXIMETER, JOYSTICK, AND HELMET

Title (de)

PULSSENSOR, PULSMETER, OXIMETER, STEUERKNÜPPEL SOWIE HELM

Title (fr)

CAPTEUR DE POULS, PULSOMETRE, OXYMETRE, LEVIER DE COMMANDE ET CASQUE

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Application

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Abstract (en)

[origin: WO2007056983A2] The invention relates to a pulse sensor comprising a radiation source (21, 22; 61, 62; 81, 82; 131, 132, 141, 142; 151, 152) for emitting photons and a photodetector (23; 63; 83; 133; 143; 153) for detecting the photons. Said pulse sensor further comprises a fixture (2, 3, 4; 53, 54; 130; 150) for attaching the radiation source and the photodetector to a person. The pulse sensor additionally comprises a connection (55; 165) to a pulse meter which controls the radiation source (21, 22; 61, 62; 81, 82; 131, 132, 141, 142; 151, 152) and reads out the photodetector (23; 63; 83; 133; 143; 153) via the connection (55; 165). The inventive pulse sensor finally comprises a stimulus generator (15, 16, 24, 41, 43, 44, 45; 52, 64; 75, 76, 84, 85; 134, 135, 144, 145; 156) which draws the person's attention to the same when the stimulus generator is activated by the pulse meter because the person's pulse lies outside an allowed range (107). The invention also relates to oximeters, joysticks, and helmets.

IPC 8 full level

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