

Title (en)
INFRARED THERMOMETER

Title (de)
INFRAROTTHERMOMETER

Title (fr)
THERMOMETRE INFRAROUGE

Publication
EP 1397652 A2 20040317 (EN)

Application
EP 02719476 A 20020409

Priority
• US 0211235 W 20020409
• US 88397301 A 20010619

Abstract (en)
[origin: WO02103306A2] At least one infrared sensor or a one dimensional sensor array are aimed at a target. A movable mirror scans the target of interest to provide a thermal "image" of the target area. Processing electronics detect the hottest spot of the target as indicated by output signals to directly indicate or estimate a temperature. Preferably, output can be utilized to determine the core temperature of a patient by examination of a target such as the tympanic membrane which is interconnected to the hypothalamus.

IPC 1-7
G01J 5/00; G01K 13/00; G01J 5/10; A61B 5/00

IPC 8 full level
G01J 5/08 (2006.01); **A61B 5/01** (2006.01); **G01J 5/04** (2006.01); **G01J 5/10** (2006.01); **G01K 13/00** (2006.01); **G01J 5/00** (2006.01)

CPC (source: EP US)
G01J 5/02 (2013.01 - EP US); **G01J 5/0205** (2013.01 - EP); **G01J 5/025** (2013.01 - EP); **G01J 5/0265** (2013.01 - EP); **G01J 5/04** (2013.01 - EP); **G01J 5/049** (2013.01 - EP); **G01J 5/064** (2022.01 - EP); **G01J 5/08** (2013.01 - EP US); **G01J 5/0806** (2013.01 - EP); **G01J 5/0808** (2022.01 - EP); **G01J 5/0813** (2022.01 - US); **G01J 5/0818** (2013.01 - EP); **G01J 5/0831** (2013.01 - EP); **G01J 5/084** (2013.01 - EP); **G01J 5/48** (2013.01 - EP); **G01J 5/53** (2022.01 - EP); **G01J 5/70** (2022.01 - US); **G01J 2005/0077** (2013.01 - EP)

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