

Title (en)
WIRELESS REMOTE-INTERROGATION ENERGY-SAVING SENSOR

Title (de)
DRAHTLOS FERNABFRAGBARER ENERGIESPARENDER SENSOR

Title (fr)
CAPTEUR À ÉCONOMIE D'ÉNERGIE ET INTERROGEABLE À DISTANCE SANS FIL

Publication
EP 2126872 A2 20091202 (DE)

Application
EP 08716973 A 20080220

Priority

- EP 2008052064 W 20080220
- DE 102007009545 A 20070227

Abstract (en)
[origin: DE102007009545A1] The device has a modulation producing device (2) recording an electrical potential difference (1) that controls a reflection modulation device (3) by a modulation signal. The reflection modulation device modulates reflection characteristics of a sensor antenna (4) such that a measured value of the potential difference is interrogated by an interrogator. The interrogator radiates and receives high frequency signals of the sensor antenna along a transmission path (6), where the potential difference is static. An independent claim is also included for a method for recording a measured value of an electrical potential difference and for wireless retrieval of the measured value.

IPC 8 full level
H04Q 9/00 (2006.01); **G01S 13/75** (2006.01); **G08C 25/02** (2006.01); **H04Q 9/14** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 2008104487A2

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