

Title (en)

SYSTEM FOR MEASURING A LOW-FREQUENCY MAGNETIC FIELD AND SYSTEM FOR MODULATING A MAGNETIC FIELD USED IN SAID MEASURING SYSTEM

Title (de)

SYSTEM ZUR MESSUNG EINES NIEDERFREQUENTEN MAGNETFELDES UND SYSTEM ZUM MODULIEREN EINES MAGNETFELDS, DAS IN DEM MESSSYSTEM VERWENDET WIRD

Title (fr)

SYSTEME DE MESURE D'UN CHAMP MAGNETIQUE BASSE FREQUENCE ET SYSTEME DE MODULATION D'UN CHAMP MAGNETIQUE MIS EN OEUVRE DANS LE SYSTEME DE MESURE

Publication

**EP 1601986 A2 20051207 (FR)**

Application

**EP 04720030 A 20040312**

Priority

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- FR 0303133 A 20030313

Abstract (en)

[origin: FR2852398A1] The system has a source to create high frequency magnetic field that is to be amplitude modulated. The high frequency magnetic field combines itself with magnetic field to be measured to create a resulting magnetic field. An antenna (28) is placed in the resulting field. A magnetic field sensor associated with the antenna measures magnetic field function created at interior of the antenna by the resulting field. An independent claim is also included for an amplitude modulation system of a high frequency magnetic field by continuous or low frequency magnetic field.

IPC 1-7

**G01R 33/04**

IPC 8 full level

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CPC (source: EP)

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