

Title (en)

DIGITAL OSCILLATOR AND POWER SUPPLY CIRCUIT FOR AN EDDY CURRENT PROBE

Title (de)

DIGITALER OSZILLATOR UND SCHALTUNG ZUR VERSORGUNG EINER WIRBELSTROMSONDE

Title (fr)

OSCILLATEUR NUMERIQUE ET CIRCUIT D'ALIMENTATION D'UNE SONDE A COURANTS DE FOUCAULT

Publication

EP 0834103 A1 19980408 (FR)

Application

EP 96922951 A 19960619

Priority

- FR 9600946 W 19960619
- FR 9507358 A 19950620

Abstract (en)

[origin: FR2735924A1] A digital oscillator including an oscillator (40), a counter (41), a memory (42), a digital-to-analog converter (43) and a low-pass filter (44) is disclosed. The memory is able to store a complex signal directly, such that a real-time computing unit is no longer required. The oscillator is particularly suitable for eddy current measurements.

IPC 1-7

G06F 1/03; **G01N 27/90**

IPC 8 full level

G06F 1/02 (2006.01); **G01N 27/90** (2006.01); **G06F 1/03** (2006.01); **H03B 28/00** (2006.01); **H03K 4/02** (2006.01)

CPC (source: EP US)

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