

Title (en)
Well tool.

Title (de)
Bohrlochwerkzeug.

Title (fr)
Outil de puits.

Publication
EP 0196829 A2 19861008 (EN)

Application
EP 86302052 A 19860320

Priority
US 71814585 A 19850401

Abstract (en)
The depth at which a string of pipe is stuck in a well borehole is determined using a tool suspended by a logging cable (22) and comprising a tool body (18) for running in the stuck well string, the body enclosing a first electromagnetic coil (50) connected with a suitable storage capacitor (38) and switch (36) for forming a strong magnetic field at a specified depth on the stuck well string. A second electromagnetic coil (48) is included in the tool and functions as a detector means. The detected signal is output to a suitable amplifier system and a recorder (34). Upon application of stress to the well string, the amplitude of magnetic marks above the stuck location will either be reduced or substantially erased; the electromagnetic marks below the stuck points will not be reduced, and the change in detected signals by the detector means indicates the location of the well string sticking and enables location of a free point in the string.

IPC 1-7
E21B 47/09

IPC 8 full level
E21B 47/09 (2012.01)

CPC (source: EP)
E21B 47/09 (2013.01)

Cited by
GB2441597A; GB2470143A; GB2441597B; GB2470143B; US7591307B2; US8076940B2; WO2008030620A1; US8207730B2; US8933693B2

Designated contracting state (EPC)
AT DE FR GB IT NL SE

DOCDB simple family (publication)
EP 0196829 A2 19861008; EP 0196829 A3 19880831; AU 5495186 A 19861009

DOCDB simple family (application)
EP 86302052 A 19860320; AU 5495186 A 19860320