

Title (en)

MAGNETIC LEAKAGE FLUX TEST SYSTEM FOR TUBULAR TEST SAMPLES

Title (de)

MAGNETISCHE STREUFLUSS-TESTVORRICHTUNG FÜR ROHRFÖRMIGE PRÜFLINGE

Title (fr)

DISPOSITIF DE TEST DU FLUX MAGNÉTIQUE DE FUITE POUR ÉPROUVETTES TUBULAIRES

Publication

EP 2069774 A1 20090617 (DE)

Application

EP 07817570 A 20070925

Priority

- DE 2007001728 W 20070925
- DE 102006046339 A 20060928

Abstract (en)

[origin: US2008079427A1] A test device for testing of tubular specimens has a plurality of individual, radially movable, finger-shaped test probes which are placed from all sides on the outside of the specimen to be tested. In this way, the test specimen is surrounded by test probes and can be pushed under them. Each test probe has a first test coil with a surface which faces essentially parallel to the lengthwise axis of the specimen and a second test coil which is oriented essentially perpendicular to the lengthwise axis of the specimen. The test probes can be elastically deflectable, pivotably movable, or movable by a screw mechanism.

IPC 8 full level

G01N 27/83 (2006.01)

CPC (source: EP US)

G01N 27/83 (2013.01 - EP US); **G01N 27/9013** (2013.01 - EP US); **G01N 27/902** (2013.01 - EP US); **G01N 27/904** (2013.01 - EP US)

Citation (search report)

See references of WO 2008040312A1

Citation (examination)

US 3029382 A 19620410 - COCHRAN KENNETH W, et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 86235607 A 20070927; DE 2007001728 W 20070925; EP 07817570 A 20070925; JP 2009529526 A 20070925