

Title (en)

METHOD FOR TESTING THE MICROSTRUCTURE OF A WELDED JOINT

Title (de)

VERFAHREN ZUM PRÜFEN DER GEFÜGESTRUKTUR EINER SCHWEISSVERBINDUNG

Title (fr)

PROCEDE POUR LE CONTROLE DE LA STRUCTURE D'UN ASSEMBLAGE PAR SOUDURE

Publication

**EP 2052246 A1 20090429 (DE)**

Application

**EP 07802466 A 20070802**

Priority

- EP 2007058003 W 20070802
- EP 06017048 A 20060816
- EP 07802466 A 20070802

Abstract (en)

[origin: EP1890140A1] The method involves creating an ultrasonic surface wave by one test head (30). The ultrasonic surface wave is received by another test head (32). Acoustic properties are determined within the structural conditions on the basis of the relation between a created and received ultrasonic surface wave. The degree of damages of the interior structural conditions is determined on the basis of the acoustic properties ascertained.

IPC 8 full level

**G01N 29/04** (2006.01)

CPC (source: EP US)

**G01N 29/075** (2013.01 - EP US); **G01N 29/265** (2013.01 - EP US); **G01N 2291/0423** (2013.01 - EP US); **G01N 2291/103** (2013.01 - EP US); **G01N 2291/2675** (2013.01 - EP US); **G01N 2291/2693** (2013.01 - EP US)

Citation (search report)

See references of WO 2008019948A1

Citation (examination)

- JP 2001021542 A 20010126 - OSAKA GAS CO LTD
- FR 2551874 A1 19850315 - ELECTRICITE DE FRANCE [FR]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1890140 A1 20080220**; EP 2052246 A1 20090429; JP 2010500591 A 20100107; US 2009320598 A1 20091231; WO 2008019948 A1 20080221

DOCDB simple family (application)

**EP 06017048 A 20060816**; EP 07802466 A 20070802; EP 2007058003 W 20070802; JP 2009524161 A 20070802; US 31014507 A 20070802