

Title (en)

Probe for measuring stretch in a borehole

Title (de)

Bohrloch-Streckenmesssonde

Title (fr)

Sonde pour la mesure d'espacement dans un trou de forage

Publication

EP 1662225 B1 20070321 (DE)

Application

EP 05024153 A 20051105

Priority

DE 102004057642 A 20041130

Abstract (en)

[origin: EP1662225A1] The probe has retaining units (17a, 17b, 20a, 20b) brought in contact with a measuring tube and a displacement transducer detecting an opposite space of the retaining units. An evaluation unit evaluates obtained measured values. The units are adjusted perpendicular to longitudinal direction of the probe and radial to the tube and are stretched radially outward against an inner wall of the tube under the effect of springs (18, 21).

IPC 8 full level

G01B 5/30 (2006.01); **E21B 47/01** (2012.01); **E21D 21/00** (2006.01)

CPC (source: EP US)

E21B 47/01 (2013.01 - EP US); **E21D 21/0046** (2013.01 - EP)

Cited by

CN106285633A; CN113883977A; ES2331216A1; US2023008447A1; US11572781B2; CN111473769A; EP2527538A1; ITGE20110046A1; CN113367726A; CN110454230A; WO2023279437A1

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DOCDB simple family (publication)

EP 1662225 A1 20060531; **EP 1662225 B1 20070321**; AT E357645 T1 20070415; DE 102004057642 A1 20060601; DE 502005000501 D1 20070503; ES 2284118 T3 20071101

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