

Title (en)

Well data acquisition tool probe guard

Title (de)

Sondenschutz eines Bohrlochdatenerfassungswerkzeugs

Title (fr)

Protection de sonde d'outil d'acquisition de données de puits

Publication

**EP 2594734 B1 20170329 (EN)**

Application

**EP 11290550 A 20111121**

Priority

EP 11290550 A 20111121

Abstract (en)

[origin: EP2594734A1] A probe assembly for use with a well data acquisition tool includes a probe and a probe guard. The probe includes a body and a tip extending from the body along a longitudinal axis of the tip to a terminal end. The tip defines a length and a surface area along the length and is configured for sensing one or more well characteristics. The probe guard extends about the tip of the probe and leaves a majority of the surface area of the tip exposed to a flow that is angularly offset from the longitudinal axis of the tip of the probe.

IPC 8 full level

**E21B 47/01** (2012.01)

CPC (source: EP US)

**E21B 47/017** (2020.05 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2594734 A1 20130522; EP 2594734 B1 20170329; US 2014290350 A1 20141002; WO 2013078000 A1 20130530**

DOCDB simple family (application)

**EP 11290550 A 20111121; US 2012063764 W 20121107; US 201214353770 A 20121107**