

Title (en)  
Integrated wellbore caliper

Title (de)  
Integriertes Kalibermessgerät im Bohrloch

Title (fr)  
Calibre intégré de fond de puits

Publication  
**EP 2749731 A1 20140702 (EN)**

Application  
**EP 12306704 A 20121228**

Priority  
EP 12306704 A 20121228

Abstract (en)  
Systems and methods are provided for an integrated caliper measurement obtained based on caliper measurements from at least two downhole tools. In one example, a system for obtaining such an integrated caliper includes several caliper tools and data processing circuitry. The caliper tools may respectively obtain caliper measurements of a wellbore. The data processing circuitry may assign respective weights to the respective caliper measurements and combine the weighted caliper measurements to obtain an integrated caliper measurement. The confidence factors may be determined based at least partly on at least two of a plurality of weighting functions. These weighting functions may each relate a confidence of the caliper measurements to an environmental or drilling characteristic occurring when the caliper measurements are obtained.

IPC 8 full level  
**E21B 47/08** (2012.01)

CPC (source: EP US)  
**E21B 47/08** (2013.01 - EP US); **E21B 47/085** (2020.05 - US)

Citation (applicant)  
US 7073378 B2 20060711 - SMITS JAN WOUTER [US], et al

Citation (search report)  
• [XYI] US 2003114987 A1 20030619 - EDWARDS JOHN E [FR], et al  
• [Y] EP 0646697 A1 19950405 - HALLIBURTON CO [US]  
• [I] US 2009037111 A1 20090205 - RADTKE RICHARD J [US], et al  
• [A] US 6384605 B1 20020507 - LI QIMING [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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2749731 A1 20140702**; US 2015315904 A1 20151105; WO 2014105504 A1 20140703

DOCDB simple family (application)  
**EP 12306704 A 20121228**; US 2013075556 W 20131217; US 201314651664 A 20131217