

Title (en)  
Telemetry methods for use in wells

Title (de)  
Bohrlochtelemetrieverfahren

Title (fr)  
Procédé de télémétrie dans un puits de forage

Publication  
**EP 1584783 A1 20051012 (EN)**

Application  
**EP 05013187 A 20010322**

Priority  
• EP 01920692 A 20010322  
• US 53695300 A 20000328  
• US 8124101 A 20010319

Abstract (en)  
A method of providing telemetry from downhole to a surface operator comprises: (a) providing a transmitter unit in a downhole structure; (b) providing a downhole tool having a non-acoustic receiver unit, data sensors, a microprocessor, and releasably storing a plurality of non-acoustic transmitter units; (c) moving the downhole tool in close enough proximity to the downhole structure so that the non-acoustic receiver unit can receive the non-acoustic signal transmitted by the non-acoustic transmitter unit; (d) writing data acquired from the data sensors to one of the plurality of non-acoustic transmitter units, the data written by the microprocessor; (e) releasing the one of the plurality of non-acoustic transmitter units; and (f) returning the one of the plurality of non-acoustic transmitter units to the surface. <IMAGE>

IPC 1-7  
**E21B 47/12**

IPC 8 full level  
**E21B 47/12** (2012.01)

CPC (source: EP US)  
**E21B 47/138** (2020.05 - EP US); **E21B 47/26** (2020.05 - EP)

Citation (search report)  
• [X] WO 8604635 A1 19860814 - COMDISCO RESOURCES INC [US]  
• [A] GB 1549307 A 19790801 - SHELL INT RESEARCH  
• [A] US 5365229 A 19941115 - GARDNER WALLACE R [US], et al

Cited by  
CN105089644A; US2011205847A1; GB2533044A; GB2533044B; US9739141B2; US9828851B1; WO2008066391A1; WO2014187346A1; WO2018013312A1

Designated contracting state (EPC)  
DK GB

DOCDB simple family (publication)  
**EP 1584783 A1 20051012; EP 1584783 B1 20070808**

DOCDB simple family (application)  
**EP 05013187 A 20010322**