

Title (en)
WIRELESS COMMUNICATION SYSTEM AND METHOD

Title (de)
DRAHTLOSES KOMMUNIKATIONSSYSTEM UND VERFAHREN

Title (fr)
SYSTÈME ET PROCÉDÉ DE COMMUNICATION SANS FIL

Publication
EP 1913721 A1 20080423 (EN)

Application
EP 06765385 A 20060811

Priority
• GB 2006050237 W 20060811
• GB 0516589 A 20050812

Abstract (en)
[origin: WO2007020475A1] A wireless communication system (100), suitable for controlling a down- hole vehicle (105) remotely, comprises a vehicle mounted wireless transceiver (115) and an wireless transceiver (110) associated with a base station (104). A wireless communications channel operates between the transceivers (110,115) via electrically conducting infrastructure of a pipeline (102). A processor (120) at either of the transceivers (110,115) determines an available bandwidth of the wireless communications channel based upon a metric indicative of the quality of the channel. The processor (120) varies a rate of data transfer over the channel in response to the value of the metric. To be accompanied when published by Figure 1 of the drawings.

IPC 8 full level
H04L 1/00 (2006.01); **F16L 55/26** (2006.01); **F16L 55/48** (2006.01); **H04L 27/26** (2006.01); **H04L 29/08** (2006.01); **F16L 101/30** (2006.01); **H04B 1/707** (2011.01)

CPC (source: EP)
F16L 55/48 (2013.01); **H04L 1/0002** (2013.01); **H04L 67/12** (2013.01); **H04L 67/125** (2013.01); **H04B 2201/70715** (2013.01)

Citation (search report)
See references of WO 2007020475A1

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007020475 A1 20070222; AU 2006281200 A1 20070222; CA 2618914 A1 20070222; EP 1913721 A1 20080423; GB 0516589 D0 20050921; NO 20081271 L 20080311

DOCDB simple family (application)
GB 2006050237 W 20060811; AU 2006281200 A 20060811; CA 2618914 A 20060811; EP 06765385 A 20060811; GB 0516589 A 20050812; NO 20081271 A 20080311