

Title (en)  
WIDEBAND RADIOCOMMUNICATIONS SYSTEM, COMPLEMENTARY RECEIVING STATION, AND METHOD OF OPTIMIZING A DATA LINK IN A RADIOCOMMUNICATIONS SYSTEM.

Title (de)  
BREITBAND- FUNKKOMMUNIKATIONSSYSTEM, KOMPLEMENTÄRE EMPFANGSSTATION UND VERFAHREN ZUM OPTIMIEREN EINER DATENVERBINDUNG IN EINEM FUNKKOMMUNIKATIONSSYSTEM

Title (fr)  
SYSTEME DE RADIOCOMMUNICATIONS LARGE BANDE, STATION RECEPTRICE COMPLEMENTAIRE, ET PROCEDE D'OPTIMISATION D'UNE LIAISON DE DONNEES DANS UN SYSTEME DE RADIOCOMMUNICATIONS

Publication  
**EP 2198538 A1 20100623 (FR)**

Application  
**EP 08871083 A 20080911**

Priority  

- FR 2008001274 W 20080911
- FR 0706481 A 20070914
- US 4626408 A 20080311

Abstract (en)  
[origin: US2009075662A1] In a method and apparatus for optimizing a data link between a mobile station and a main base station, the link is formed by an uplink radio signal from the mobile station and a downlink radio signal from the main base station, both of which include frames that carry data and protocol information. A radio receiver of a complementary receiving station has an antenna system for receiving both the downlink radio signal and uplink radio signal. An interface circuit cooperates with a baseband processor for decoding the uplink radio signal based on information obtained from decoding the downlink radio signal. The interface circuit enables establishment of a separate data link between the complementary receiving station and the main base stations, for transmitting information obtained from decoding the uplink radio signal.

IPC 8 full level  
**H04B 7/26** (2006.01)

CPC (source: EP US)  
**H04L 5/0007** (2013.01 - EP US); **H04W 72/54** (2023.01 - EP US)

Citation (search report)  
See references of WO 2009090317A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**FR 2921217 A1 20090320; FR 2921217 B1 20161125; EP 2198538 A1 20100623; US 2009075662 A1 20090319; WO 2009090317 A1 20090723**

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