

Title (en)  
TWO-WAY COMMUNICATION SYSTEM

Publication  
**EP 0504148 A4 19930224 (EN)**

Application  
**EP 90915608 A 19900917**

Priority  
US 42442589 A 19891020

Abstract (en)  
[origin: WO9106156A1] A communication system (10) has at least one communication resource controller (28) for allocating a limited number of communication resources among a plurality of communication units. The communication resource controller monitors the communication resources and maintains a data library of the level and duration of any interference of the communication resources. The communication units (20 and 22) are constructed and arranged to communicate information on any of the communication resources. Any one of the plurality of communication units can initiate access to a communication resource by transmitting a request therefor. In response to a proper request, the communication resource controller (28) assigns a communication resource to the communication units in accordance with the data retrieved from the interference data library.

IPC 1-7  
**H04B 7/14**; **H04Q 7/00**

IPC 8 full level  
**H04B 7/15** (2006.01); **H04B 7/24** (2006.01); **H04Q 7/28** (2006.01); **H04Q 7/36** (2006.01); **H04W 72/08** (2009.01); **H04W 84/08** (2009.01); **H04W 16/14** (2009.01); **H04W 24/00** (2009.01); **H04W 74/00** (2009.01)

CPC (source: EP KR)  
**H04B 7/14** (2013.01 - KR); **H04W 72/541** (2023.01 - EP); **H04W 72/21** (2023.01 - EP); **H04W 74/00** (2013.01 - EP); **H04W 84/08** (2013.01 - EP)

Citation (search report)  
• [X] US 4794635 A 19881227 - HESS GARRY C [US]  
• [A] WO 8705181 A1 19870827 - MOTOROLA INC [US]  
• See references of WO 9106156A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 9106156 A1 19910502**; EP 0504148 A1 19920923; EP 0504148 A4 19930224; JP H05501035 A 19930225; JP H0821890 B2 19960304; KR 920704449 A 19921219; KR 960003841 B1 19960322

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