Title (en)

REMOTE CONTROL POSITIONING DEVICE FOR A RECEIVING ANTENNA

Publication

EP 0077731 B1 19840808 (FR)

Application

EP 82401900 A 19821015

Priority

FR 8119604 A 19811019

Abstract (en)

[origin: EP0077731A2] 1. Remote control arrangement for pointing a receiving antenna (1) from the place of an emitting antenna (2), the receiving antenna rotating round a first predetermined direction (10S) under the control of first driving means (8S), characterized in that it comprises : - first means (3) placed at the emitting antenna for deriving and transmitting a first rotation angle and first feed orders (M/A, AUT) for the first driving means (8S) through a forward digital link (7) ; - second means (6) placed at the receiving antenna for receiving the first rotation angle and the first orders through the forward link and for controlling the rotation of the receiving antenna (2) up to the pointing according to said first angle by means of the first driving means (8S) ; - second means (4) placed at the receiving antenna for transmitting, through a digital backward link (7), the power gain (g) delivered from the automatic gain control members (19) being present in a receiving channel (HF) of the receiving antenna (1) ; and - second means (5) placed at the emitting antenna for receiving through the backward link (7) and visualizing the power gain (g).

IPC 1-7

H04B 7/26; H01Q 3/02

IPC 8 full level

H01Q 3/02 (2006.01)

CPC (source: EP)

H01Q 3/02 (2013.01)

Citation (examination)

JAPAN TELECOMMUNICATIONS REVIEW, vol. 17, no. 4, Octobre 1975, pages 284-286, Tokio (JP); Y. YAMAOA et al.: "New 11/15 GHZ transportable Microwave radio system for emergency use"

Cited by

GB2327566A; GB2414137A; CN108306108A; EP0429349A1; FR2654885A1; US5488737A; US5701583A; CN1083986C; EP0578316A1; FR2693329A1; WO9411956A1

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