

Title (en)

Antenna controlling apparatus and method for controlling antenna

Title (de)

Antennensteuervorrichtung und Verfahren zur Steuerung einer Antenne

Title (fr)

Appareil de contrôle d'antenne et procédé de contrôle d'antenne

Publication

**EP 2398171 A3 20130116 (EN)**

Application

**EP 11158031 A 20110314**

Priority

JP 2010138614 A 20100617

Abstract (en)

[origin: EP2398171A2] According to one embodiment, an antenna control apparatus (16) includes a movement controller (102), a measuring module (103), and an acquiring module (104). The movement controller (102) controls a moving module (22) that moves an antenna (21) to a receiving position in response to a change of a target satellite from which the satellite broadcasting is received to move the antenna (21) from a reference position to the receiving position. The measuring module (103) measures a moving time required to move the antenna (21) from the reference position to the receiving position for each satellite. The acquiring module (104) acquires, when the target satellite changes from one to another, a timeout period required to move the antenna (21) from a receiving position of the one satellite to that of the other satellite based on moving times measured for the satellites.

IPC 8 full level

**H01Q 1/12** (2006.01); **H01Q 3/04** (2006.01); **H01Q 3/06** (2006.01); **H01Q 3/08** (2006.01); **H04H 40/00** (2008.01); **H04H 40/90** (2008.01)

CPC (source: EP)

**H01Q 1/1257** (2013.01); **H01Q 3/04** (2013.01); **H01Q 3/06** (2013.01); **H01Q 3/08** (2013.01); **H04H 40/90** (2013.01)

Citation (search report)

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- [X] EP 0196607 A2 19861008 - TOSHIBA KK [JP], et al
- [X] US 5583514 A 19961210 - FULOP DONALD G [US]
- [A] US 5345591 A 19940906 - TSURUMAKI TAKAYOSHI [JP], et al

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ITBO20120649A1; EP2738866A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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