

Title (en)

System-integrated earth station antenna calibration system incl. phase compensation for automatic tracking (autotracking)

Title (de)

Systemintegriertes Bodenstationsantennen-Kalibrierungssystem inkl. Phasenabgleich für automatisches Tracking (Autotracking)

Title (fr)

Système de calibrage d'antennes de stations au sol intégré au système, y compris l'égalisation de phases pour la recherche automatique (autotracking)

Publication

EP 1968158 B1 20161005 (DE)

Application

EP 08003887 A 20080303

Priority

DE 102007011469 A 20070307

Abstract (en)

[origin: EP1968158A1] The calibration system has multiple test antennas, which generate multiple individual fields. The test antennas are arranged in a radiation system of the antenna, such that an electromagnetic field is generated from the individual fields in a feeding device of the antenna. The electromagnetic field corresponds to an incident plane wave front of another antenna.

IPC 8 full level

H01Q 3/26 (2006.01); **H01Q 19/19** (2006.01)

CPC (source: EP)

H01Q 3/267 (2013.01); **H01Q 19/19** (2013.01)

Citation (examination)

- US 5721554 A 19980224 - HALL STANLEY R [US], et al
- JP 2002261541 A 20020913 - MITSUBISHI ELECTRIC CORP

Cited by

CN108663572A; CN114062793A

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 1968158 A1 20080910; EP 1968158 B1 20161005; DE 102007011469 A1 20080911; DE 102007011469 B4 20210812

DOCDB simple family (application)

EP 08003887 A 20080303; DE 102007011469 A 20070307