

Title (en)

FLAT ANTENNA AND SATELLITE SIGNAL TRANSMITTING SYSTEM INCLUDING THE FLAT ANTENNA

Title (de)

FLACHANTENNE UND SATELLITENSIGNALÜBERTRAGUNGSSYSTEM MIT DER FLACHANTENNE

Title (fr)

ANTENNE PLATE ET SYSTÈME DE TRANSMISSION DE SIGNAL DE SATELLITE COMPRENANT L'ANTENNE PLATE

Publication

**EP 3086490 A1 20161026 (EN)**

Application

**EP 16166066 A 20160419**

Priority

- KR 20150055953 A 20150421
- KR 20150078496 A 20150603

Abstract (en)

A flat antenna may include a signal receiver provided in a plate shape and configured to receive a satellite signal through one face of the signal receiver, a signal processor configured to output a first signal obtained through amplification and frequency conversion performed on the satellite signal or a second signal obtained by converting the first signal to Internet protocol (IP) data corresponding to an IP-based transmission, and a signal tracker configured to control a direction in or an angle at which one face of the signal receiver faces based on the first signal after the first signal is received, and wherein the signal processor may include a plurality of ports from which the first signal or the second signal is output.

IPC 8 full level

**H04H 40/90** (2008.01)

CPC (source: EP)

**H04H 40/90** (2013.01)

Citation (applicant)

- KR 100313264 B1 20011228
- KR 20020015428 A 20020228 - GLORY TECH CO LTD [KR]

Citation (search report)

- [X] US 6512490 B1 20030128 - LEE DAE-IL [KR]
- [X] US 2009231186 A1 20090917 - BARAK ILAN SAUL [IL], et al
- [A] WO 2011033342 A1 20110324 - ST MICROELECTRONICS SA [FR], et al
- [A] US 2010172446 A1 20100708 - POPOLI ROBERT F [US]
- [A] JP 2003219285 A 20030731 - FUNAI ELECTRIC CO

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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DOCDB simple family (application)

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