

Title (en)

Transceiving satellitar terrestrial station, particularly suitable for movable stations

Title (de)

Terrestrische Satelliten Sende- u. Empfangsstation, insbesondere geeignet für bewegliche Stationen

Title (fr)

Station terrestre avec émetteur et récepteur de communication par satellite, en particulier utilisable pour stations mobiles

Publication

**EP 1919029 A3 20091007 (EN)**

Application

**EP 07425682 A 20071030**

Priority

IT AQ20060010 U 20061030

Abstract (en)

[origin: EP1919029A2] The transceiving satellitar terrestrial station, named MobSat, is usually installed on a two-wheel off-road trailer sturdy carriage. It has reduced dimensions and weight, is equipped to be also transported by helicopter, being organised to permit a soft landing. It can be remote controlled by satellite, fixed or mobile phone line, wireless and like. It is provided with sensors, magnetometer, inclinometer, GPS for measuring attitude and position. It optimises the automatic sighting procedure during the transmission. It permits every transceiving satellitar communication, including DVB, SATCOM, SNG, multimedia services, VOIP phone channels, xDSL broad band distribution, e-mail service (with on board server), files transfer, connection with informative systems, VLAN, multimedia files, videoconference, large amount of data to the fixed network, restoring and increasing GSM/GPRS connections with inner radio bridge. It generates electric power necessary for its operation. It can be removed from the carriage to become a fixed station. Presence of an operator is not required.

IPC 8 full level

**H01Q 1/32** (2006.01); **B60P 3/00** (2006.01); **H01Q 1/08** (2006.01); **H01Q 1/12** (2006.01); **H01Q 19/13** (2006.01); **B64D 1/22** (2006.01); **H01Q 1/18** (2006.01); **H01Q 3/08** (2006.01)

CPC (source: EP)

**H01Q 1/084** (2013.01); **H01Q 1/1235** (2013.01); **H01Q 1/3216** (2013.01); **H01Q 1/3275** (2013.01); **H01Q 19/132** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

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