

Title (en)
DEVICE FOR TRAJECTORY MODIFICATION

Title (de)
VORRICHTUNG ZUR MODIFIZIERUNG VON TRAJEKTORIEN

Title (fr)
DISPOSITIF DE MODIFICATION DE TRAJECTOIRES

Publication
EP 2756648 A1 20140723 (DE)

Application
EP 12780669 A 20120912

Priority
• DE 102011053501 A 20110912
• EP 2012067764 W 20120912

Abstract (en)
[origin: WO2013037793A1] The invention relates to a trajectory modification device to be used in an emitter device of a digital transmission device, signals that are to be sent being digitally and complexly modulated, and a trajectory being produced during a transition from a first signal state into a second signal state. Said device comprises: a first input and a second input for receiving components of a complex signal that is to be sent, a first output for providing an amplitude component of a modified signal to be sent, a second output for providing a phase component of a modified signal to be sent, and a processing unit which provides modified components based on the received components of the signal to be sent, wherein trajectories which pass near to the origin or come into contact with the origin are modified such that the modified trajectory passes by at a greater distance from the origin.

IPC 8 full level
H04L 27/36 (2006.01); **H03C 5/00** (2006.01); **H03F 1/32** (2006.01)

CPC (source: EP US)
H03C 5/00 (2013.01 - EP US); **H03F 1/0211** (2013.01 - EP US); **H03F 1/0294** (2013.01 - EP US); **H03F 1/3288** (2013.01 - EP US);
H03F 3/24 (2013.01 - EP US); **H04L 27/36** (2013.01 - US); **H04L 27/361** (2013.01 - EP US)

Citation (search report)
See references of WO 2013037793A1

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

DOCDB simple family (publication)
DE 102011053501 A1 20130314; **DE 102011053501 B4 20141023**; CN 103782562 A 20140507; EP 2756648 A1 20140723;
US 2014355718 A1 20141204; WO 2013037793 A1 20130321

DOCDB simple family (application)
DE 102011053501 A 20110912; CN 201280042929 A 20120912; EP 12780669 A 20120912; EP 2012067764 W 20120912;
US 201214344543 A 20120912