

Title (en)
MICROWAVE ANTENNA

Title (de)
MIKROWELLENANTENNE

Title (fr)
ANTENNE À MICRO-ONDES

Publication
EP 3382796 B1 20201118 (EN)

Application
EP 17163987 A 20170330

Priority
EP 17163987 A 20170330

Abstract (en)
[origin: EP3382796A1] A microwave antenna for detecting obstacles in a railway is disclosed which permits fine adjustment of the orientation of the antenna. The antenna comprises a waveguide attached to a radar transceiver, a reflector element, and a pivot bar. The pivot bar is fastened to the waveguide and the reflector element and is configured to stabilize and fasten together the waveguide and the reflector element. The pivot bar is mounted via a plurality of threaded fasteners that permit adjustment of the orientation of the pivot bar and the reflector element.

IPC 8 full level
H01Q 3/08 (2006.01); **H01Q 1/12** (2006.01)

CPC (source: EP)
H01Q 1/1228 (2013.01); **H01Q 1/3233** (2013.01); **H01Q 3/08** (2013.01)

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)
EP 3382796 A1 20181003; EP 3382796 B1 20201118; ES 2846890 T3 20210730

DOCDB simple family (application)
EP 17163987 A 20170330; ES 17163987 T 20170330