

Title (en)
TWO-PART ANTENNA ELEMENT

Title (de)
ZWEITEILIGES ANTENNENELEMENT

Title (fr)
ÉLÉMENT D'ANTENNE EN DEUX PARTIES

Publication
EP 3236531 B1 20190130 (EN)

Application
EP 16166174 A 20160420

Priority
EP 16166174 A 20160420

Abstract (en)
[origin: EP3236531A1] The invention relates to a radiating element for a base station antenna, comprising: a socket and a radiating part, wherein the socket has means for providing a mechanical support for the radiating part and microstrip lines of a feeding system for feeding the radiating part, and the radiating part is configured to be received by the socket and includes at least one pair of non-conductive slots in a conductive element, the slots being aligned to the microstrip lines of the feeding system when the radiating part is received by the socket, and wherein an outer circumference of the socket is less than a maximum outer circumference of the radiating part.

IPC 8 full level
H01Q 1/12 (2006.01); **H01Q 1/24** (2006.01); **H01Q 21/24** (2006.01)

CPC (source: EP)
H01Q 1/1207 (2013.01); **H01Q 1/246** (2013.01); **H01Q 21/24** (2013.01)

Cited by
US12003033B2; WO2021128170A1; WO2020254397A1

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 3236531 A1 20171025; EP 3236531 B1 20190130; CN 109075435 A 20181221; CN 109075435 B 20200320; WO 2017181896 A1 20171026

DOCDB simple family (application)
EP 16166174 A 20160420; CN 2017080315 W 20170412; CN 201780025165 A 20170412