

Title (en)
MULTIPLE ACCESS RADIANT ELEMENTS

Title (de)
MEHRFACHZUGRIFF STRAHLELEMENTE

Title (fr)
ÉLÉMENTS RAYONNANTS À ACCÈS MULTIPLES

Publication
EP 3664214 B1 20230607 (FR)

Application
EP 19212776 A 20191202

Priority
FR 1872213 A 20181203

Abstract (en)
[origin: CA3063463A1] Radiating element (700) comprising at least two feeding guides and one horn (703) common to at least two feeding guides and having an excitation interface (704), each feeding guide comprising a port guide (701,711) and an excitation guide (702,712) connected to the port guide (701,711) by a port interface and connected to the common horn (703) by the excitation interface (704), each excitation guide (702,712) being flared in the direction from the port interface to the excitation interface (704), each excitation guide (702,712) not having an axis of symmetry, the two feeding guides being disposed symmetrically relative to one another.

IPC 8 full level
H01P 1/16 (2006.01); **H01Q 13/02** (2006.01); **H01Q 21/06** (2006.01)

CPC (source: EP US)
H01P 1/16 (2013.01 - EP); **H01Q 13/0225** (2013.01 - US); **H01Q 13/025** (2013.01 - EP US); **H01Q 21/0006** (2013.01 - US);
H01Q 21/064 (2013.01 - EP US)

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 3664214 A1 20200610; **EP 3664214 B1 20230607**; **EP 3664214 C0 20230607**; CA 3063463 A1 20200603; ES 2952243 T3 20231030;
FR 3089358 A1 20200605; FR 3089358 B1 20220121; US 11444384 B2 20220913; US 2020176878 A1 20200604

DOCDB simple family (application)
EP 19212776 A 20191202; CA 3063463 A 20191202; ES 19212776 T 20191202; FR 1872213 A 20181203; US 201916700897 A 20191202