

Title (en)
ANTENNA, IN PARTICULAR MOBILE RADIO ANTENNA

Title (de)
ANTENNE, INSBESONDERE MOBILFUNKANTENNE

Title (fr)
ANTENNE, EN PARTICULIER ANTENNE DE TÉLÉPHONIE MOBILE

Publication
EP 3097604 B1 20190116 (DE)

Application
EP 14820750 A 20141218

Priority
• DE 102014000964 A 20140123
• EP 2014003418 W 20141218

Abstract (en)
[origin: WO2015110136A1] An improved antenna, in particular a mobile radio antenna, characterized inter alia by the following features: a complete reflector (16) is provided, the complete reflector (16) is formed as one piece or is formed by or connected to the at least one or more reflectors (10), or the complete reflector comprises the at least one or more reflectors (10). The complete reflector (16) comprises on the two outer longitudinal sides thereof extending in the longitudinal direction (L) a first shield wall (19) which shields the first and/or passive component space and/or distribution space (29), a second shield wall (27) connects directly or indirectly to the first shield wall (19), and the two second shield walls (27) extending on the longitudinal sides of the complete reflector (16) protrude in the backwards direction (H) of the antenna across a mounting plane (ME) or a section plane (SE) along which plane the first or passive component space and/or distribution space (29) is separated or divided from the second or active component space (41).

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 1/42** (2006.01); **H01Q 15/16** (2006.01); **H01Q 19/10** (2006.01); **H01Q 21/26** (2006.01)

CPC (source: EP US)
H01Q 1/246 (2013.01 - EP US); **H01Q 1/42** (2013.01 - EP US); **H01Q 15/16** (2013.01 - EP US); **H01Q 19/108** (2013.01 - EP US); **H01Q 21/26** (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)
DE 102014000964 A1 20150723; CN 106030903 A 20161012; CN 106030903 B 20191001; EP 3097604 A1 20161130; EP 3097604 B1 20190116; US 10122077 B2 20181106; US 2017040679 A1 20170209; WO 2015110136 A1 20150730

DOCDB simple family (application)
DE 102014000964 A 20140123; CN 201480075920 A 20141218; EP 14820750 A 20141218; EP 2014003418 W 20141218; US 201415112900 A 20141218