

Title (en)
Integrated antenna and electrostatic discharge protection

Title (de)
Integrierte Antenne und elektrostatischer Entladungsschutz

Title (fr)
Antenne intégrée et protection du débit électrostatique

Publication
EP 2293379 A1 20110309 (EN)

Application
EP 09166957 A 20090731

Priority
EP 09166957 A 20090731

Abstract (en)
A mobile communications device having an antenna partly formed from an electrostatic discharge shield covering a microphone. The antenna includes a radiator arm extending from the electrostatic discharge shield and includes a feed element connecting the electrostatic discharge shield to a signal trace. To the extent the microphone employs an acoustic tube to form an acoustic pathway between the device casing and the microphone, the radiator arm of the antenna may be arranged over the acoustic tube.

IPC 8 full level
H01Q 1/24 (2006.01); **H01Q 1/44** (2006.01)

CPC (source: EP)
H01Q 1/243 (2013.01); **H01Q 1/44** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2293379 A1 20110309; EP 2293379 B1 20110831; AT E522950 T1 20110915; CA 2711290 A1 20110131

DOCDB simple family (application)
EP 09166957 A 20090731; AT 09166957 T 20090731; CA 2711290 A 20100729