

Title (en)
Communication device antenna

Title (de)
Kommunikationsvorrichtungsantenne

Title (fr)
Antenne de dispositif de communication

Publication
EP 2940790 A1 20151104 (EN)

Application
EP 14166275 A 20140428

Priority
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Abstract (en)
The present invention relates to a communication device antenna, including a metal housing (12), a first antenna (16) and a second antenna (18). The metal housing (12) has a first lateral side (14a) and a second lateral side (14b). The first antenna (16) includes a first metal part (20), a second metal part (22), a third metal part (24) and a fourth metal part (26). The third metal part (24) is connected between the first and second metal parts (20, 22), and adjacent to the first lateral side (14a) of the metal housing (12). The fourth metal part (26) is connected to the metal housing (12). The second antenna (18) includes a first metal part (36) and a second metal part (38). The first metal part (36) of the second antenna (18) is connected to the signal feed point (32) and the second metal part (22) of the first antenna (16). The second metal part (38) of the second antenna (18) is connected to the ground point (34) and the fourth metal part (26) of the first antenna (16).

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H01Q 1/24 (2006.01); **H01Q 5/00** (2015.01)

CPC (source: EP)
H01Q 1/243 (2013.01); **H01Q 5/371** (2015.01)

Citation (applicant)
US 8054231 B2 20111108 - AHN JUNG HO [KR], et al

Citation (search report)
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• [Y] US 2013093636 A1 20130418 - KENOUN ROBERT [US]
• [A] WO 2011076582 A1 20110630 - LITE ON MOBILE OYJ [FI], et al
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Designated extension state (EPC)
BA ME

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