

Title (en)  
Communication device and antenna thereof

Title (de)  
Kommunikationsvorrichtung und Antenne dafür

Title (fr)  
Dispositif de communication et antenne associée

Publication  
**EP 2958189 B1 20230531 (EN)**

Application  
**EP 14173310 A 20140620**

Priority  
EP 14173310 A 20140620

Abstract (en)  
[origin: EP2958189A1] A communication device (10) comprises a front housing (12), a back cover (18), a main body (20), a display panel (16), a signal feed point (30), a ground point (32), an antenna (26) and a conductor (28). The main body (20) is located between the front housing (12) and the back cover (18). The antenna (26) is installed on the main body (20) and corresponding to an adjacent edge of the display panel (16). The antenna (26) comprises a first metal part (36) and a second metal part (38). The first metal part (36) is coupled to the signal feed point (30), and the second metal part (38) is coupled to the ground point (32). A coupling gap (44) is defined between the conductor (28) and the antenna (26), and at least one part of the conductor (28) corresponds to the display panel (16).

IPC 8 full level  
**H01Q 1/24** (2006.01); **H01Q 1/52** (2006.01); **H01Q 5/00** (2015.01); **H01Q 9/26** (2006.01); **H01Q 19/22** (2006.01)

CPC (source: EP)  
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Cited by  
CN105633582A; CN113783986A; US11349194B2

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