

Title (en)

Mobile wireless communications device including wrap-around antenna assembly with feed arm extension and related methods

Title (de)

Mobile drahtlose Kommunikationsvorrichtung mit Wickelantennenanordnung mit Zuführarmauszug und zugehörige Verfahren

Title (fr)

Dispositif de communication mobile sans fil incluant un ensemble d'antenne disposé sur un substrat enroulé avec une extension du coude d'alimentation et procédés associés

Publication

EP 2273609 B1 20160914 (EN)

Application

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Priority

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Abstract (en)

[origin: EP2273609A1] A mobile wireless communications device may include a portable housing, at least one wireless communications circuit carried by the portable housing, and a wrap-around antenna assembly carried by the portable housing. The wrap-around antenna assembly may include a substrate comprising a first portion and a second portion extending outwardly therefrom defining an L-shape, and a wrap-around antenna element lying along adjacent contiguous exterior surfaces of the first and second substrate portions. The wrap-around antenna assembly may further include an antenna feed arm lying along an interior surface of the first substrate portion and electrically coupled to the wrap-around antenna element, and a feed arm extension electrically coupled to the antenna feed arm and extending from the interior surface of the first substrate portion around to the exterior surface thereof.

IPC 8 full level

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