

【ABSTRACT】

Various embodiments of the present disclosure relate to a foldable electronic device comprising an antenna, the foldable electronic device comprising a processor; hinge module; a first housing and a second housing each having at least a portion thereof coupled to either side of the hinge module and forming an unfolded state or a folded state around the hinge module; and a flexible display disposed in a space formed by the first housing and the second housing. The first housing comprises a first lateral member forming at least a portion of an exterior of the foldable electronic device, the first lateral member comprising a first side surface disposed in parallel to a folding axis of the hinge module, a second side surface extending from one end of the first side surface in a direction perpendicular to the folding axis, and a third side surface extending in the direction perpendicular to the folding axis from the other end of the first side surface. The second housing comprises a second lateral member forming at least a portion of the exterior of the foldable electronic device, the second lateral member comprising a fourth side surface disposed in parallel to the folding axis, and a fifth side surface extending in the direction perpendicular to the folding axis from one end of the fourth side surface. The first side surface has a first segmentation portion formed thereon, and the fifth side surface has a third segmentation portion formed thereon, wherein a second segmentation portion and the third segmentation portion are disposed so as to overlap when the first housing and the second housing are in the folded state, and a portion of the first side surface separated through the first segmentation portion and a portion of the second side surface separated through the second segmentation portion are electrically connected to the processor so as to be operated by an antenna. The antenna may comprise a power feed unit connect to a power supply point positioned on the second side surface, a first matching circuit connected to a first point positioned between the power supply point and the first segmentation portion, and a second matching circuit connected to a second point positioned between the power supply point and the second segmentation portion. Other various embodiments are possible.

Fig. 2A