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Abstract (en)
[origin: WO2017096420A1] An antenna for a communication device, and a number of RFID reader configurations incorporating the antenna, are disclosed. The antenna has a structure comprising a circular radiating base plate, a radiating cone, a solid frusto-conical body. The cone has an apex that points towards the center of the circular base plate, and the apex is positioned on or near the base plate on one side of the base plate. The cone opens/expands away from the base plate. The solid frusto-conical body has an encompassing side (i.e. a side that goes all the way around the circumference of the antenna structure) which extends from the base plate to near an edge on the widest point on the cone, and the material of the body substantially fills the space inside the encompassing side and between the base plate and the cone.

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