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(19) **United States**(12) **Patent Application Publication****HASSAN HUSSEIN et al.**(10) **Pub. No.: US 2023/0232443 A1**(43) **Pub. Date:****Jul. 20, 2023**(54) **APPARATUS, BASE STATION AND METHODS ALLOWAING RELIABLE WIRELESS COMMUNICATION**(71) Applicant: **KONINKLIJKE PHILIPS N.V.**,
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ABSTRACT

An apparatus configured to operate in a wireless communication network by generating and transmitting a first wireless signal using a resource element allocated to the apparatus is configured to receive a second wireless signal and to determine that the second wireless signal is to be forwarded within the wireless communication network. The apparatus is configured to transmit a third wireless signal based on the second wireless signal instead of the first wireless signal using the allocated resource element of the wireless communication network.

