

Box III Text of the abstract

A device includes circuitry configured that acquires information indicating one or more resource pools serving as radio resources available for device-to-device communication and notifies a terminal device said information, the one or more resource pools form part of multiple resource pools, which includes an in-coverage resource pool serving for device-to-device communication within a network coverage and an out-of-coverage resource pool serving for device-to-device communication outside of the network coverage. A usage of the in-coverage and the out-of-coverage resource pool depends on reception power at the terminal device. In addition, each of the multiple resource pools is associated with a predetermined priority which can be related to an application served by each resource pool.