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(54) Title: A WIRELESS DEVICE, NETWORK NODES AND METHODS THEREIN FOR HANDLING A DEVICE-TO-DEVICE (D2D) COMMUNICATION DURING HANDOVER IN A WIRELESS TELECOMMUNICATIONS NETWORK

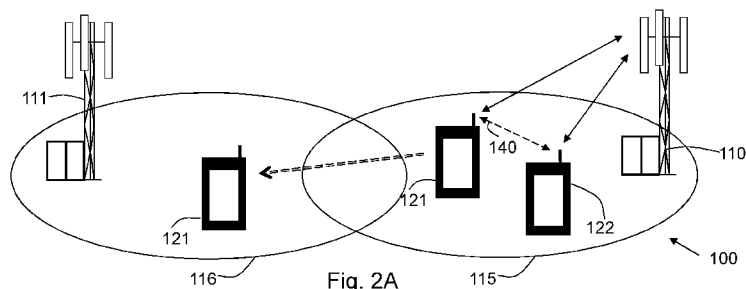


Fig. 2A

(57) Abstract: A method performed by a first wireless device for handling a device-to-device, D2D, communication with a second wireless device during handover of the first wireless device from a source network node to a target network node in a wireless telecommunications network is provided. The first wireless device interrupts the D2D communication. Then, the first wireless device determines a first uplink timing difference as the difference between the uplink timing to the source network node and the uplink timing to the target network node. Further, the first wireless device reconfigures the D2D communication based on the first uplink timing difference. Then, the first wireless device restarts the D2D communication as reconfigured. A first wireless device (121) is also provided. Further, a target network node (110, 111, 112), a source network node (110, 111) and methods therein for handling a D2D communication are provided.