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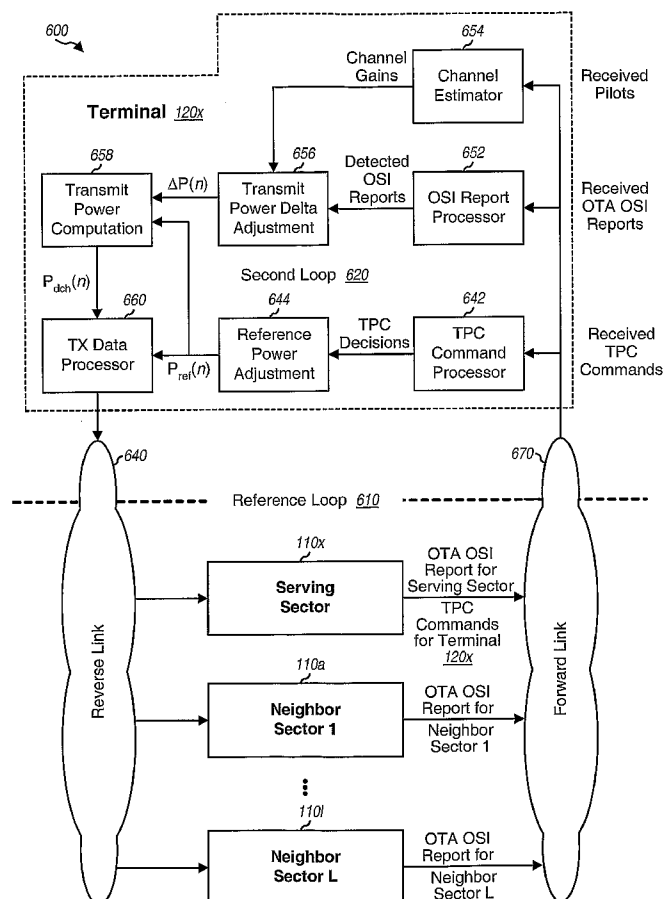
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(54) Title: INTERFERENCE CONTROL IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract: For interference control, a sector m estimates interference observed from terminals in neighbor sectors and obtains an interference estimate. Sector m may generate an over-the-air (OTA) other-sector interference (OSI) report and/or an inter-sector (IS) OSI report based on the interference estimate. Sector m may broadcast the OTA OSI report to the terminals in the neighbor sectors. These terminals may adjust their transmit powers based on the OTA OSI report. Sector m may send the IS OSI report to the neighbor sectors, receive IS OSI reports from the neighbor sectors, and regulate data transmissions for terminals in sector m based on the received IS OSI reports. Sector m may control admission of terminals to sector m, de-assign admitted terminals, schedule terminals in sector m in a manner to reduce interference to the neighbor sectors, and/or assign the terminals in sector m with traffic channels that cause less interference to the neighbor sectors.



FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT,
RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA,
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