Title (en)

METHOD AND APPARATUS FOR IMPLEMENTING DEVICE-TO-DEVICE BROADCAST COMMUNICATION IN A WIRELESS COMMUNICATION NETWORK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR IMPLEMENTIERUNG EINER D2D-RUNDFUNKKOMMUNIKATIONIN EINEM DRAHTLOSEN KOMMUNIKATIONSNETZ

Title (fr)

PROCÉDÉ ET APPAREIL POUR LA MISE EN OEUVRE D'UNE COMMUNICATION DE DISPOSITIF À DISPOSITIF RADIODIFFUSÉE DANS UN RÉSEAU DE COMMUNICATION SANS FIL

Publication

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Application

EP 15766238 A 20150504

Priority

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Abstract (en)

[origin: WO2015173644A1] The invention provides a method, in a user equipment in a wireless communication network, of implementing Device-to-Device broadcast communication, the method comprises following steps:- determining a transmission pattern set, which includes all rows except the first row in a Walsh matrix H1 and a first matrix H2, wherein the first matrix H2 is a product of the Walsh matrix H1 and -1;- determining one row from the transmission pattern set; and- implement a Device-to-Device broadcast according to a transmission pattern corresponding to the determined row, wherein the transmission pattern is: implementing the following procedures based on each element in the determined row successively:- transmitting the broadcast when the element is a first value;- receiving the broadcast when the element is a second value.

IPC 8 full level

H04W 72/12 (2009.01); **H04W 84/18** (2009.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2015173644A1

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