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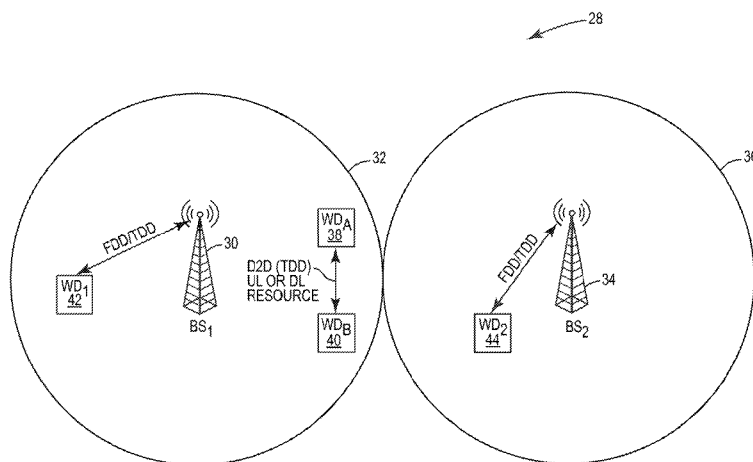
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(54) **Title:** DYNAMIC BAND SELECTION FOR INTERFERENCE MINIMIZATION IN DIRECT DEVICE TO DEVICE COMMUNICATIONS

**FIG. 4**

(57) **Abstract:** Systems and methods are disclosed for selecting resources for direct device to device (D2D) communications in a cellular communication network. Preferably, resources for the direct D2D communications are selected to minimize, or at least substantially reduce, interference that results from the direct D2D communications in the cellular communication network. In general, either an uplink resource or a downlink resource of the cellular communication network is selected for a direct D2D communication link between a first wireless device and a second wireless device in order to minimize, or at least substantially reduce, interference caused to a third wireless device that uses the same uplink and downlink resources in the same and/or a neighboring cell of the cellular communication network.

INTERNATIONAL SEARCH REPORT

International application No

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B. FIELDS SEARCHED

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C. DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 2010/093364 A1 (RIBEIRO CASSIO [FI] ET AL) 15 April 2010 (2010-04-15)	1-3,7-9, 12-14, 17-20, 22-24, 27-29
A	abstract paragraphs [0002], [0004], [0005], [0010], [0030] - [0034], [0040] - [0047], [0053], [0067] ----- -/-	4-6,10, 11,15, 16,21, 25,26, 30,31



Further documents are listed in the continuation of Box C.



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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Information on patent family members

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