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- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))

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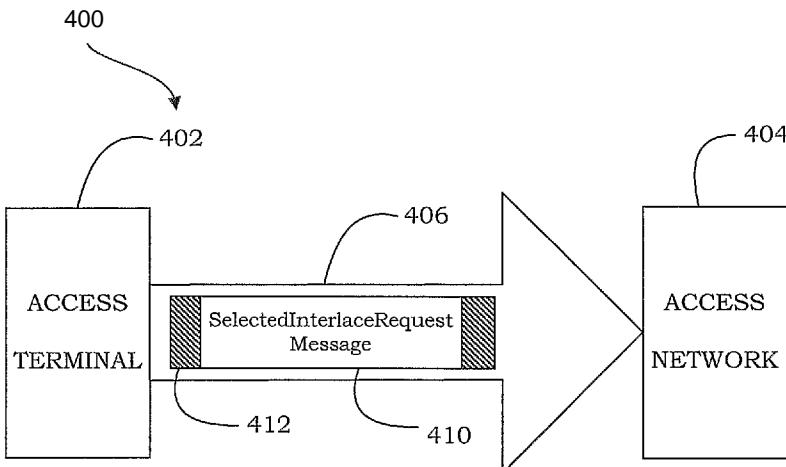
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(54) Title: A METHOD AND APPARATUS FOR REQUESTING SELECTED INTERLACE MODE IN WIRELESS COMMUNICATION SYSTEMS



(57) Abstract: A method and apparatus for requesting selected interlace mode with a particular sector is provided, comprising generating a SelectedInterlaceRequest message comprising an 8 bit MessageID field, a 12 bit PilotPN field wherein the PilotPN field indicates a value of PilotPN of the sector to which the message is directed and a 4 bit InterlacesRequested field wherein the InterlacesRequested field indicates a value of requested number of interlaces and transmitting the SelectedInterlaceRequest message over a communication link. A method and apparatus for receiving and processing the SelectedInterlaceRequest message is further provided.

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

INV. H04Q7/38 H04L1/00 H04L12/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
H04Q H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>US 2005/031047 A1 (MALTSEV ALEXANDER A [RU] ET AL) 10 February 2005 (2005-02-10)</p> <p>abstract</p> <p>figures 1 -<sub>3</sub></p> <p>paragraph [0012]</p> <p>paragraph [0026]</p> <p>paragraph [0031]</p> <p>paragraph [0034]</p> <p>paragraph [0040] - paragraph [0042]</p> <p>paragraph [0073]</p> <p>paragraph [0085] - paragraph [0086]</p> <p>-----</p> <p>- / -</p>	1-9



Further documents are listed in the continuation of Box C.



See patent family annex.

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- "E<sup>1</sup>" earlier document but published on or after the international filing date
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<sup>1</sup>X<sup>1</sup> document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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## C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
Y	<p>WO 2005/041515 A (QUALCOMM INC [US]; VIJAYAN RAJIV [US]; WALKER KENT G [US]; KRISHNAMOOR) 6 May 2005 (2005-05-06)</p> <p>abstract</p> <p>paragraph [0003] - paragraph [0005]</p> <p>paragraph [0007]</p> <p>paragraph [0032] - paragraph [0042]</p> <p>figures 1-5, 9a, 10b</p> <p>-----</p>	1-9
P, X	<p>TOMCIK JIM: "C802.20-05/69: QFDD and QTDD: Proposed Draft Air Interface Specification"</p> <p>IEEE 802.20 CONTRIBUTION TO SESSION #17 (14.11-17.11.2005), [Online]</p> <p>28 October 2005 (2005-10-28), pages 1-6/43, XP002428557</p> <p>Retrieved from the Internet:</p> <p>URL :<a href="http://ieee802.org/20/Contributions.html">http://ieee802.org/20/Contributions.html</a> [retrieved on 2007-04-10]</p> <p>pages 6-43, paragraph 6.4.6.3</p> <p>-----</p>	1-9

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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