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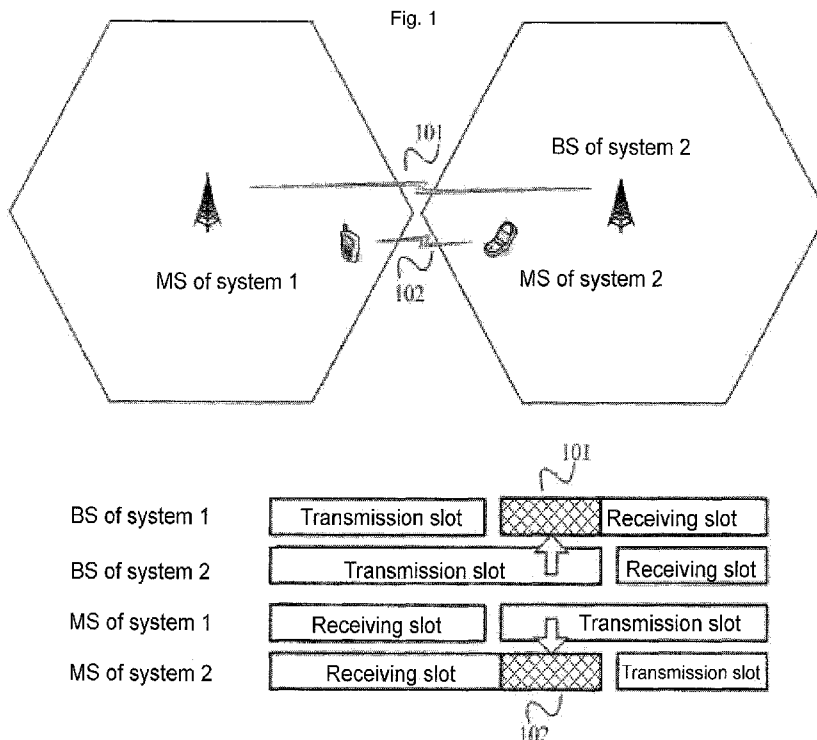
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(54) Title: METHOD FOR MULTIPLE TDD SYSTEMS COEXISTENCE



(57) Abstract: The method for multiple TDD systems coexistence comprising steps of: a newly deployed system calculating a relative time offset  $\Delta t$  for a corresponding frame; the newly deployed system transmitting uplink and downlink signals based on a time reference information obtained by a summation of the relative time offset  $\Delta t$  and a time reference of an existing system. With the method proposed in present invention, uplink and downlink interference from adjacent frequency bands and from adjacent carriers in the same frequency band can be greatly reduced and a transmission time utility can be guaranteed for a newly deployed system.

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**B. FIELDS SEARCHED**

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Korean Utility models and applications for Utility Models since 1975

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eKOMPASS(KIPO internal) &amp; keywords: "TDD, coexistence, time offset, time reference"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2007-0081489 A1 (ANDERSON, NICHOLAS W. et al.) 12 Apr. 2007 See abstract, figures 5-6,9, paragraphs [0034], [0039], [0061]-[0062], [0078], [0083]-[0089], [0118]-[0120], and claims 1-11.	1-7,9-20
A	US 2002-0097689 A1 (ELOY, STEPHANE et al.) 25 Jul. 2002 See abstract, figures 3-4, paragraphs [0010]-[0011], [0029]-[0032], [0037]-[0040], and claims 1-10.	1-20
A	US 6130886 A (KETSEOGLOU, THOMAS J. et al.) 10 Oct. 2000 See abstract, figures 13,15, col.21, line 4 - col.22, line 65, and claims 1-5.	1-20
A	US 2002-0061031 A1 (SUGAR, GARY L. et al.) 23 May 2002 See abstract, figures 5A-5B 1, paragraphs [0007], [0048]-[0051], and claims 1-2.	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

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