

Title (en)

TECHNIQUES FOR ALLOCATION OF CONTROL CHANNELS

Title (de)

VERFAHREN ZUR ZUORDNUNG VON STEUERKANÄLEN

Title (fr)

TECHNIQUES D'AFFECTATION DE CANAUX DE COMMANDE

Publication

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Application

EP 11816816 A 20110802

Priority

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Abstract (en)

[origin: WO2012021337A2] Techniques are described for setting the Physical Downlink Control Channel search spaces for component carriers. If any component carrier is de-activated, the Carrier Indicator Fields (CIF) of remaining activated component carriers can be set to consecutive values. The User Element can utilize its identifier to determine the starting point Control Channel Elements in each subframe. The locations of Control Channel Elements for a component carrier can be determined based on its CIF. Accordingly, search spaces for different component carriers can potentially be closely spaced but not overlap.

IPC 8 full level

H04B 17/318 (2015.01); **H04L 5/00** (2006.01); **H04W 72/04** (2009.01); **H04L 1/00** (2006.01)

CPC (source: EP)

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Citation (search report)

- [I] NOKIA SIEMENS NETWORKS ET AL: "Reconfigurations and Search Spaces Overlap Conflicts", 3GPP DRAFT; R1-103781, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Dresden, Germany; 20100628, 22 June 2010 (2010-06-22), XP050449209
- [I] NTT DOCOMO: "Investigation on UE-Specific Search Space for Carrier Aggregation", 3GPP DRAFT; R1-104012 SS EVALUATION, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Dresden, Germany; 20100628, 22 June 2010 (2010-06-22), XP050449341
- [I] LG ELECTRONICS: "UE-specific Search Space Design for Cross-Carrier Scheduling", 3GPP DRAFT; R1-103957_SS_LGE, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. RAN WG1, no. Dresden, Germany; 20100628, 23 June 2010 (2010-06-23), XP050449438
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- See references of WO 2012021337A2

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