

Title (en)

RANDOM ACCESS PREAMBLE COLLISION DETECTION

Title (de)

DIREKTZUGRIFFS-PRÄAMBEL-VERDECKUNGSDETEKTION

Title (fr)

DÉTECTION DE LA COLLISION DE PRÉAMBULES D'ACCÈS DIRECT

Publication

**EP 2208290 A4 20131204 (EN)**

Application

**EP 08779329 A 20080602**

Priority

- SE 2008050647 W 20080602
- US 98533507 P 20071105

Abstract (en)

[origin: WO2009061255A1] A method (500) for a user terminal (120, 130) in a cellular system (100). The user terminal (120, 130) applies (505) a timing advance to transmissions to a controlling node (140). The user terminal (120, 130) requests (510) communication with the controlling node (140) by a special message (MSG 1), in response to which the user terminal (120, 130) receives (515) a message (MSG 2) which includes an updated value for the timing advance. The user terminal (120, 130) compares (520) the updated value with the value of the timing advance that the user terminal had prior to the reception of said response message. If the difference (?) between the prior value and the updated value is greater than a first predetermined threshold (T1) or below a second predetermined threshold (T2), the user terminal (120, 130) ignores (525) the response message (MSG 2) and renews its request for communication.

IPC 8 full level

**H04W 56/00** (2009.01); **H04W 74/08** (2009.01)

CPC (source: EP)

**H04W 56/0045** (2013.01); **H04W 74/0858** (2013.01)

Citation (search report)

- [Y] DE 202006019286 U1 20070516 - INTERDIGITAL TECH CORP [US]
- [Y] US 7146135 B2 20061205 - AGIN PASCAL [FR]
- [A] US 6470057 B1 20021022 - HUI LIU [US], et al
- See references of WO 2009061255A1

Designated contracting state (EPC)

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DOCDB simple family (application)

**SE 2008050647 W 20080602**; EP 08779329 A 20080602; JP 2010531988 A 20080602