

Title (en)

HANDOVER UNDER UPLINK TRANSMIT POWER LIMITATION

Title (de)

ÜBERGABE UNTER BEGRENZUNG DER UPLINK-SENDELEISTUNG

Title (fr)

TRANSFERT EN CAS DE LIMITATION DE PUISSANCE DE TRANSMISSION EN LIAISON MONTANTE

Publication

**EP 4122252 A4 20230830 (EN)**

Application

**EP 21800723 A 20210305**

Priority

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- FI 2021050161 W 20210305

Abstract (en)

[origin: WO2021224541A1] This document discloses a solution for a situation where a terminal device detects a power backoff event. According to an aspect, a method comprises in the terminal device: detecting a need for limiting power radiation in at least one antenna panel of the terminal device and, in response to said detecting, determining at least one uplink transmit power limitation parameter; receiving at least one parameter of at least one non-serving cell; estimating, by using the at least one uplink transmit power limitation parameter and the at least one received parameter, at least one quantity of uplink degradation towards the at least one non-serving cell; and triggering, on the basis of the at least one quantity, a handover of the terminal device towards a non-serving cell of the at least one non-serving cell.

IPC 8 full level

**H04W 52/24** (2009.01); **H04B 17/10** (2015.01); **H04B 17/309** (2015.01); **H04W 36/00** (2009.01); **H04W 36/30** (2009.01); **H04W 52/14** (2009.01)

CPC (source: EP US)

**H04W 36/24** (2013.01 - EP US); **H04W 36/30** (2013.01 - EP US); **H04W 36/362** (2023.05 - EP US); **H04W 52/367** (2013.01 - EP); **H04W 52/40** (2013.01 - EP); **H04B 17/318** (2013.01 - EP); **H04B 17/336** (2015.01 - EP); **H04B 17/382** (2013.01 - EP)

Citation (search report)

- [X] US 2018262958 A1 20180913 - MELIN LENA [SE], et al
- [X] NISHIKAWA D ET AL: "Investigation of Inter-Cell Transmission Power Control Using Overload Indicator for Selected Users for Evolved UTRA Uplink", IEICE TRANSACTION ON COMMUNICATION, COMMUNICATIONS SOCIETY, TOKYO, JP, vol. E92B, no. 5, 1 May 2009 (2009-05-01), pages 1634 - 1640, XP001547660, ISSN: 0916-8516, DOI: 10.1587/TRANSCOM.E92.B.1634
- See also references of WO 2021224541A1

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