

Title (en)
DEVICE-ANCHOR BASE STATIONS

Title (de)
BASISSTATIONEN MIT VORRICHTUNGSVERANKERUNG

Title (fr)
STATIONS DE BASE D'ANCRAGE DE DISPOSITIF

Publication
EP 2952058 A1 20151209 (EN)

Application
EP 14711304 A 20140203

Priority

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Abstract (en)
[origin: WO2014118760A1] Systems and methods are disclosed for providing efficient and reliable communication for wireless devices (16, 20), e.g., Machine Type Communication devices (16), in a cellular communications network (10). In one embodiment, a network node (12) of the cellular communications network (10) identifies candidate device-anchor base stations (20), where the candidate device-anchor base stations (20) are wireless devices (20) that satisfy one or more predefined criteria for serving as a candidate device-anchor base station (20). The network node (12) then effects selection of a device-anchor base station (20) for a wireless device (16, 20) from the candidate device-anchor base stations (20) such that communication between a serving base station (12) of the wireless device (16, 20) and the wireless device (16, 20) is via the device-anchor base station (20). In this manner, communication between the wireless device (16, 20) and the serving base station (20) of the wireless device (16, 20) is assisted by the device-anchor base station (20).

IPC 8 full level
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CPC (source: EP US)
H04W 88/04 (2013.01 - EP US); **H04W 4/021** (2013.01 - EP); **H04W 4/70** (2018.01 - EP US); **H04W 48/20** (2013.01 - EP)

Citation (search report)
See references of WO 2014118760A1

Citation (examination)

- US 2004063451 A1 20040401 - BONTA JEFFREY D [US], et al
- WO 2012118451 A1 20120907 - AGENCY SCIENCE TECH & RES [SG], et al

Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family (publication)
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DOCDB simple family (application)
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