

Title (en)
CAPACITIVE-LOADED JUMPER CABLES, SHUNT CAPACITANCE UNITS AND RELATED METHODS FOR ENHANCED POWER DELIVERY TO REMOTE RADIO HEADS

Title (de)
KAPAZITIV GELADENE ÜBERBRÜCKUNGSKABEL, NEBENSCHLUSSKAPAZITÄTSEINHEITEN UND ZUGEHÖRIGE VERFAHREN ZUR ERHÖHTEN STROMVERSORGUNG AN FERNFUNKKÖPFE

Title (fr)
CÂBLES DE CAVALIER À CHARGE CAPACITIVE, EN DÉRIVATION UNITÉS DE CAPACITÉ AMÉLIORÉE ET PROCÉDÉS ASSOCIÉS POUR LA DISTRIBUTION D'ÉNERGIE À TÊTES RADIO DISTANTE

Publication
EP 3257115 A4 20190102 (EN)

Application
EP 16749587 A 20160127

Priority
• US 201514619211 A 20150211
• US 2016015085 W 20160127

Abstract (en)
[origin: WO2016130322A1] Tower systems suitable for use at cellular base stations include a tower, an antenna mounted on the tower, a remote radio head mounted on the tower and a power supply. A power cable having a power supply conductor and a return conductor is connected between the power supply and the remote radio head. A shunt capacitance unit that is separate from the remote radio head that is electrically coupled between the power supply conductor and the return conductor of the power cable.

IPC 8 full level
H02H 9/04 (2006.01); **G02B 6/44** (2006.01); **H01G 9/00** (2006.01)

CPC (source: CN EP)
G02B 6/4256 (2013.01 - CN); **G02B 6/4415** (2013.01 - CN); **G02B 6/4416** (2013.01 - EP); **H01Q 1/246** (2013.01 - CN); **H01R 13/6625** (2013.01 - CN); **H02H 9/04** (2013.01 - CN EP); **H04Q 1/03** (2013.01 - CN); **H04Q 1/28** (2013.01 - CN); **H04W 88/08** (2013.01 - CN)

Citation (search report)
• [IY] US 6095867 A 20000801 - BRANDT DAVID D [US], et al
• [Y] US 6188566 B1 20010213 - AOYAMA MAKOTO [JP]
• [A] JP H06163330 A 19940610 - ROHM CO LTD
• [A] US 7027290 B1 20060411 - THRAP GUY C [US]
• [AP] WO 2015042023 A1 20150326 - COMMScope TECHNOLOGIES LLC [US]
• See also references of WO 2016130322A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016130322 A1 20160818; CN 107210521 A 20170926; CN 107210521 B 20200424; CN 111244607 A 20200605; CN 111244607 B 20210504; EP 3257115 A1 20171220; EP 3257115 A4 20190102

DOCDB simple family (application)
US 2016015085 W 20160127; CN 201680006621 A 20160127; CN 202010226835 A 20160127; EP 16749587 A 20160127