

Title (en)  
METHODS AND APPARATUS FOR HYBRID ACCESS TO A CORE NETWORK BASED ON PROXIED AUTHENTICATION

Title (de)  
VERFAHREN UND VORRICHTUNG FÜR HYBRIDZUGRIFF AUF EIN KERNNETZWERK AUF BASIS VON PROXY-AUTHENTIFIZIERUNG

Title (fr)  
PROCÉDÉS ET APPAREIL POUR UN ACCÈS HYBRIDE À UN RÉSEAU PRINCIPAL SUR LA BASE D'UNE AUTHENTIFICATION MANDATÉE

Publication  
**EP 3198787 A1 20170802 (EN)**

Application  
**EP 15843308 A 20150924**

Priority  
• US 201462071517 P 20140925  
• US 201514863239 A 20150923  
• US 2015052016 W 20150924

Abstract (en)  
[origin: WO2016049353A1] Apparatus and methods for hybrid access to a core network. In one embodiment, a wireless station enables a subscriber device to connect to a core network via an intermediate network (e.g., a Wi-Fi network) rather than the network traditionally associated with the core network (e.g., a cellular network). In one implementation, the subscriber device connects to the wireless station at the (Transmission Control Protocol/Internet Protocol) TCP/IP layers. Methods and apparatus for securely authenticating the subscriber device via the wireless station are disclosed. In one such variant, the subscriber device is a SIM-less device.

IPC 8 full level  
**H04L 9/32** (2006.01); **H04L 29/06** (2006.01); **H04W 12/06** (2009.01)

CPC (source: EP US)  
**H04L 63/0435** (2013.01 - EP); **H04W 12/033** (2021.01 - EP); **H04W 12/04** (2013.01 - EP); **H04W 12/06** (2013.01 - EP US);  
**H04W 88/10** (2013.01 - EP); **H04W 12/43** (2021.01 - EP); **H04W 48/02** (2013.01 - EP); **H04W 76/12** (2018.01 - EP);  
**H04W 76/16** (2018.01 - EP US); **H04W 80/00** (2013.01 - EP); **H04W 80/06** (2013.01 - EP); **H04W 88/06** (2013.01 - EP);  
**H04W 88/08** (2013.01 - EP)

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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2016049353 A1 20160331**; CN 106716920 A 20170524; EP 3198787 A1 20170802; EP 3198787 A4 20180214; JP 2017532889 A 20171102;  
TW 201630395 A 20160816

DOCDB simple family (application)  
**US 2015052016 W 20150924**; CN 201580051942 A 20150924; EP 15843308 A 20150924; JP 2017516330 A 20150924;  
TW 104131750 A 20150925