

Title (en)

METHOD, APPARATUS AND COMPUTER READABLE MEDIUM OF MANAGING A CONNECTION BETWEEN A MODEM AND AN APPLICATIONS PROCESSOR

Title (de)

VERFAHREN, GERÄT UND COMPUTERLESBARES MEDIUM ZUR VERWALTUNG EINER VERBINDUNG ZWISCHEN EINEM MODEM UND EINEM ANWENDUNGSPROZESSOR

Title (fr)

PROCÉDÉ, APPAREIL ET SUPPORT LISIBLE PAR ORDINATEUR POUR GÉRER UNE CONNEXION ENTRE UN MODEM ET UN PROCESSEUR D'APPLICATION

Publication

EP 2870822 A2 20150513 (EN)

Application

EP 13740114 A 20130703

Priority

- US 201261668985 P 20120706
- US 201261673136 P 20120718
- US 201261700854 P 20120913
- US 201313830336 A 20130314
- US 2013049396 W 20130703

Abstract (en)

[origin: WO2014008441A2] A method, an apparatus, and a computer program product for wireless communication are provided. A multi-radio device controls wireless communications by identifying one or more connection points between radio(s) of the multi-radio device and an operating system executing on a host device, analyzing a policy relating to the multi-radio device, and exposing, to the operating system, a subset of the connection points based on the policy. A modem manages a connection to an applications processor (AP) by virtualizing physical communication interfaces at the modem, providing a single Internet protocol (IP) interface representing the virtualized physical communication interfaces to a high level operating system (HLOS) at the AP, detecting a physical communication interface connected to the modem, and determining whether to expose the detected physical communication interface to the HLOS as a standalone virtualized physical communication interface, or hide the detected physical communication interface as part of an existing virtualized physical communication interface.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2014008441A2

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