

Title (en)

SYSTEM AND METHOD TO DETECT ATTACKS ON MOBILE WIRELESS NETWORKS BASED ON MOTIF ANALYSIS

Title (de)

SYSTEM UND VERFAHREN ZUR DETEKTION VON ANGRIFFEN AUF MOBILE DRAHTLOSE NETZWERKE AUF BASIS EINER MOTIVANALYSE

Title (fr)

SYSTÈME ET PROCÉDÉ DE DÉTECTION D'ATTAQUES SUR DES RÉSEAUX SANS FIL MOBILES D'APRÈS UNE ANALYSE DE MOTIF

Publication

EP 3272102 A4 20181114 (EN)

Application

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Priority

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- US 201562135136 P 20150318
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Abstract (en)

[origin: WO2016204838A2] Described is a system for detecting attacks on networks. A hierarchical representation of activity of a communication network is used to detect and predict sources of misinformation in the communication network. The hierarchical representation includes temporal patterns of communication between at least one pair of nodes, each temporal pattern representing a motif having a size, in the hierarchical representation. Changes in motifs provide a signal for a misinformation attack.

IPC 8 full level

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CPC (source: CN EP US)

G06F 21/554 (2013.01 - EP US); **H04L 63/1408** (2013.01 - EP); **H04L 63/1416** (2013.01 - CN); **H04L 63/1441** (2013.01 - CN); **H04W 12/122** (2021.01 - EP US)

Citation (search report)

- [X] US 2011067106 A1 20110317 - EVANS SCOTT CHARLES [US], et al
- [A] EP 2707996 A1 20140319 - TELEFONICA SA [ES]
- See references of WO 2016204838A2

Designated contracting state (EPC)

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