

Title (en)

SYSTEM AND METHOD FOR DETERMINING UNWANTED CALL ORIGINATION IN COMMUNICATIONS NETWORKS

Title (de)

SYSTEM UND VERFAHREN ZUR BESTIMMUNG VON UNERWÜNSCHTEM VERBINDUNGSaufbau IN KOMMUNIKATIONSNETZEN

Title (fr)

SYSTÈME ET PROCÉDÉ DE DÉTERMINATION D'ORIGINE D'APPELS INDÉSIRABLES DANS DES RÉSEAUX DE COMMUNICATIONS

Publication

**EP 4179720 A4 20240828 (EN)**

Application

**EP 21843175 A 20210712**

Priority

- US 202016927139 A 20200713
- US 2021041209 W 20210712

Abstract (en)

[origin: WO2022015613A1] A method and system for discovering and locating the source of unwanted communication origination in a communications network, the method comprising compiling a communication campaign database storing data of one or more communication campaigns along with automatically identified instances of those campaigns, and simultaneously or sequentially matching those instances against known communication traffic of a set of cooperating telecommunication carriers. The one or more communications campaigns include a grouping of related fingerprints and patterns that identify a sequence of characters, audio or video associated with instances of a same likely campaigns, either legitimate or illegitimate/fraudulent.

IPC 8 full level

**H04M 3/436** (2006.01); **G10L 25/51** (2013.01); **H04M 3/22** (2006.01); **H04M 3/42** (2006.01)

CPC (source: EP)

**H04M 3/436** (2013.01); **H04M 3/2218** (2013.01); **H04M 3/2281** (2013.01); **H04M 7/0078** (2013.01); **H04M 2201/41** (2013.01); **H04M 2203/558** (2013.01)

Citation (search report)

[I] WO 2019055596 A1 20190321 - YOUMAIL INC [US]

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 2022015613 A1 20220120**; AU 2021309476 A1 20230223; CA 3186040 A1 20220120; EP 4179720 A1 20230517; EP 4179720 A4 20240828

DOCDB simple family (application)

**US 2021041209 W 20210712**; AU 2021309476 A 20210712; CA 3186040 A 20210712; EP 21843175 A 20210712