Title (en)

METHOD OF RESOLUTION OF A TELEPHONE NUMBER KEPT AS A NETWORK RESOURCE IDENTIFIER

Title (de)

METHODE ZUR AUFLÖSUNG EINER TELEFONNUMMER ALS NETZWERKRESSOURCENIDENTIFIKATOR

Title (fr)

PROCÉDÉ DE RÉSOLUTION D'UN NUMÉRO DE TÉLÉPHONE PORTÉ EN UN IDENTIFIANT DE RESSOURCE RÉSEAU

Publication

EP 2918064 A1 20150916 (FR)

Application

EP 13801646 A 20131112

Priority

- FR 1260742 A 20121112
- FR 2013052703 W 20131112

Abstract (en)

[origin: WO2014072665A1] The invention relates to a method of resolution by a network/domain, termed the original domain (A), of the telephone number of a user, termed the called party, belonging to a network/domain, termed the recipient domain (B), comprising the following steps: a) a user, termed the calling party, belonging to said original domain (A) despatches a message using said telephone number of the called party as routing identifier; b) a server of the original domain (A) in charge of routing said message, or a DNS server (RootAO), produces an interrogation key dependent on the telephone number and on a domain name, termed the penultimate domain; c) a DNS request is sent to a DNS server (RootA) associated with said penultimate domain; d) said DNS server (RootA) associated with the penultimate domain performs, by means of said interrogation key, a search in a database ENUM which is associated therewith; e) said search provides at least one record CNAME or DNAME containing a representation of a network/domain, termed the return domain; and f) a DNS request is sent to said return domain. Said method is noteworthy in that said return domain comprises said recipient domain (B), and in that said telephone number has been, prior to the despatching of said message, kept in relation to a change of network/domain of the called party.

IPC 8 full level

H04L 29/12 (2006.01)

CPC (source: EP US)

H04L 61/4511 (2022.05 - EP US); **H04L 61/4557** (2022.05 - EP US); **H04M 7/128** (2013.01 - US); H04L 2101/65 (2022.05 - EP US)

Citation (search report)

See references of WO 2014072665A1

Citation (examination)

GSM ASSOCIATION: "IR.67 - DNS/ENUM Guidelines for Service Providers & GRX/IPX Providers 5.1", 13 August 2010 (2010-08-13), Craiova, pages 1994, XP055500989, Retrieved from the Internet <URL:https://www.scribd.com/doc/161813967/GSMA-IR67-5-1-GSMA-DNS-Guidelines> [retrieved on 20180821]

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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