

Title (en)  
METHOD AND SYSTEM FOR ANALYSING NETWORK CONNECTIONS

Title (de)  
VERFAHREN UND SYSTEM ZUR ANALYSE VON NETZWERKVERBINDUNGEN

Title (fr)  
PROCEDE ET SYSTEME POUR L'ANALYSE DE CONNEXIONS DE RESEAU

Publication  
**EP 1829402 A1 20070905 (EN)**

Application  
**EP 05820095 A 20051220**

Priority  

- EP 2005013921 W 20051220
- EP 04293074 A 20041221
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Abstract (en)  
[origin: EP1675420A1] A method of analysing network connections used to communicate incoming calls from a first network to a second mobile network. The method comprises detecting routing request data communicated from the first network to the second mobile network. The routing request data provides a request for a temporary identification number required for establishing an incoming call between a calling terminal and a called terminal affiliated with the second mobile network. The temporary identification number is allocated to the called terminal to temporarily identify the called terminal within the second mobile network. The method also comprises identifying, from the routing request data, the first network and detecting the temporary identification number communicated from the second mobile network to the first network in response to the routing request data. The method also comprises detecting an incoming call communicated from the calling terminal via the first network to the second mobile network over a network connection between the first network and the second mobile network, to the called terminal. The method identifies the network connection used to communicate the incoming call from the first network to the second mobile network by correlating the temporary identification number received with the incoming call with the temporary identification number detected in response to the routing request data. By identifying and correlating the identified first networks with the identified network connections with respect to the correlated temporary identification numbers, it is possible to identify which network connections are used by a particular first network in communicating calls to the second mobile network.

IPC 8 full level  
**H04W 24/08** (2009.01); **H04W 24/00** (2009.01); **H04W 28/16** (2009.01)

CPC (source: EP)  
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Citation (search report)  
See references of WO 2006066942A1

Citation (examination)  
ABSTRACT ARTICLE: "Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical Report on Pre-paging (3GPP TR 23.908 version 4.0.0 Release 4); ETSI TR 123 908", ETSI STANDARDS, vol. 3-CN2, no. V4.0.0, 1 March 2001 (2001-03-01), LIS, SOPHIA ANTIPOLIS CEDEX, FRANCE, XP014005052

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