

Title (en)
METHOD FOR THE IMPROVED USE OF AN INTERFACE SYSTEM WITH ADDRESS COMPONENTS

Title (de)
VERFAHREN ZU VERBESSERTEN NUTZUNG EINES SCHNITTSTELLENSYSTEMS MIT ADRESSKOMPONENTEN

Title (fr)
PROCEDE PERMETTANT UNE MEILLEURE UTILISATION D'UN SYSTEME D'INTERFACE COMPRENANT DES COMPOSANTES D'ADRESSE

Publication
EP 1925136 A1 20080528 (DE)

Application
EP 06764334 A 20060821

Priority

- EP 2006065492 W 20060821
- DE 102005041617 A 20050901

Abstract (en)
[origin: WO2007025891A1] The invention relates to a method for the improved use of an interface system (GW) for connections of subscribers (A-TIn, B-TIn) of at least two separate communications networks (KN1, KN2). During the setup of a call between subscribers (A-TIn, B-TIn), so-called virtual address components (vPL1, vPL2, vPR1, vPR2) are assigned by the interface system (GW) to each of the at least two communications networks (KN1, KN2). The virtual address components (vPL1, vPL2, vPR1, vPR2) are then signaled (23, 24) to each communications network, to which they have been assigned, and the physical address components (PL1, PL2, PR1, PR2) available in the interface system (GW) are firstly used (26, 30) when the interface system (GW) has determined that a network-external call is involved. By introducing the so-called virtual address components (vPL1, vPL2, vPR1, vPR2), the use of the interface system (GW) is improved, and a greater number of simultaneous internal calls is made possible because the virtual address components are only signaled to the communications networks (KN1, KN2) during the call setup. The interface system (GW) is thus optimally used because the address components (PL1, PL2, PR1, PR2) existing in the interface system (GW) are used only in the event of network-external calls.

IPC 8 full level
H04L 12/66 (2006.01); **H04Q 3/545** (2006.01)

CPC (source: EP US)
H04L 61/00 (2013.01 - EP US); **H04Q 3/0025** (2013.01 - EP US); **H04Q 3/0045** (2013.01 - EP US); **H04Q 2213/13097** (2013.01 - EP US); **H04Q 2213/13102** (2013.01 - EP US); **H04Q 2213/13141** (2013.01 - EP US); **H04Q 2213/13196** (2013.01 - EP US); **H04Q 2213/13389** (2013.01 - EP US); **H04Q 2213/13395** (2013.01 - EP US)

Citation (search report)
See references of WO 2007025891A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007025891 A1 20070308; CN 101305569 A 20081112; DE 102005041617 B3 20070322; EP 1925136 A1 20080528; US 2008267173 A1 20081030

DOCDB simple family (application)
EP 2006065492 W 20060821; CN 200680041018 A 20060821; DE 102005041617 A 20050901; EP 06764334 A 20060821; US 6547006 A 20060821