

(12) 按照专利合作条约所公布的国际申请

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2013 年 12 月 12 日 (12.12.2013)



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- (30) 优先权:
201310033189.X 2013 年 1 月 29 日 (29.01.2013) CN
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- (81) 指定国 (除另有指明, 要求每一种可提供的国家保护): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW。
- (84) 指定国 (除另有指明, 要求每一种可提供的地区保护): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA,

[见续页]

(54) Title: CALL TRANSFER SETTING METHOD AND SYSTEM

(54) 发明名称: 设定呼叫转移的方法及系统

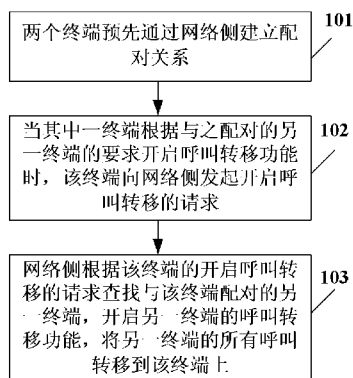


图 1 / FIG. 1

- 101 Two terminals establishing a paired relationship via a network side in advance
- 102 When one of the terminals starts a call transfer function according to the requirement of the other terminal paired with same, the terminal initiating toward the network side a request for starting call transfer
- 103 The network side looking for the other terminal paired with the terminal according to the request for starting call transfer of the terminal, and starting the call transfer function of the other terminal to transfer all the calls of the other terminal to the terminal

(57) Abstract: A call transfer setting method, terminal and system. The method comprises: two terminals establishing a paired relationship via a network side in advance; when one of the terminals starts a call transfer function according to the requirement of the other terminal paired with same, the terminal initiating toward the network side a request for starting call transfer; and the network side looking for the other terminal paired with the terminal according to the request for starting call transfer of the terminal, and starting the call transfer function of the other terminal to transfer all the calls of the other terminal to the terminal. Compared with the traditional call transfer function, the abovementioned technical solution is more flexibly achieved, can remotely open the function after paired terminals are set, is not affected by the circumstances such as whether the cellphone currently has signal, whether the cellphone is powered on, etc. so that great convenience is brought to a user, and the user can use the function under a specific condition, thereby avoiding the situation of missing receiving important incoming calls and short messages.

(57) 摘要: 一种设定呼叫转移的方法、终端及系统, 该方法包括: 两个终端预先通过网络侧建立配对关系; 当其中一终端根据与之配对的另一终端的要求开启呼叫转移功能时, 该终端向网络侧发起开启呼叫转移的请求; 网络侧根据该终端的开启呼叫转移的请求查找与该终端配对的另一终端, 开启另一终端的呼叫转移功能, 将另一终端的所有呼叫转移到该终端上; 与传统呼叫转移功能相比, 上述技术方案实现起来更加灵活, 可以在设置配对终端后, 远程开启该功能, 并且不受当前手机是否有信号, 是否开机等状况的影响, 给用户带来很大方便, 能够让用在特定条件下, 使用该功能, 从而避免出现重要来电、短信漏接的情况。



RW, SD, SL, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, RU, TJ, TM), 欧洲 (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG)。

根据细则 4.17 的声明:

- 关于申请人有权申请并被授予专利(细则 4.17(ii))
- 发明人资格(细则 4.17(iv))

本国际公布:

- 包括国际检索报告(条约第 21 条(3))。
- 在修改权利要求的期限届满之前进行, 在收到该修改后将重新公布(细则 48.2(h))。
- 根据申请人的请求, 在条约第 21 条(2)(a)所规定的期限届满之前进行。

(88) 国际检索报告公布日期:

2014 年 1 月 9 日

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2013/079034

A. CLASSIFICATION OF SUBJECT MATTER

See the extra sheet

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC: H04W; H04Q; H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

CNPAT, CNKI, WPI, EPODOC: match???, call???, transfer???, another, replace????, forget, forgot???

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	CN 102404705 A (ZTE CORPORATION) 04 April 2012 (04.04.2012) description, paragraphs [0037]-[0058], and figures 1 and 2	1-11
A	CN 101448229 A (SHENZHEN HUAWEI COMMUNICATION TECHNOLOGY CO., LTD.) 03 June 2009 (03.06.2009) the whole document	1-11
A	US 2006223511 A1 (HAGALE, Anthony Richard et al.) 05 October 2006 (05.10.2006) the whole document	1-11

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“A” document defining the general state of the art which is not considered to be of particular relevance	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“E” earlier application or patent but published on or after the international filing date	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	“&” document member of the same patent family
“O” document referring to an oral disclosure, use, exhibition or other means	
“P” document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 18 October 2013 (18.10.2013)	Date of mailing of the international search report 07 November 2013 (07.11.2013)
Name and mailing address of the ISA State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimengqiao Haidian District, Beijing 100088, China Facsimile No. (86-10) 62019451	Authorized officer YANG, Kaipeng Telephone No. (86-10) 61648263

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.
PCT/CN2013/079034

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 102404705 A	04.04.2012	WO 2013060106 A1	02.05.2013
CN 101448229 A	03.06.2009	None	
US 2006223511 A1	05.10.2006	CN 1848886 A	18.10.2006

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2013/079034

A. CLASSIFICATION OF SUBJECT MATTER:

H04W 4/16 (2009.01) i

H04W 88/02 (2009.01) i

国际检索报告

国际申请号

PCT/CN2013/079034

A. 主题的分类

参见附加页

按照国际专利分类(IPC)或者同时按照国家分类和 IPC 两种分类

B. 检索领域

检索的最低限度文献(标明分类系统和分类号)

IPC: H04W; H04Q; H04L

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词(如使用))

CNPAT,CNKI,WPI,EPODOC: 配对, 伴侣, 情侣, 结对, 捆绑, 呼叫, 呼入, 来电, 转移, 转接, 另一, 其它, 代替, 忘, match???, call???, transfer???, another, replace????, forget, forgot???

C. 相关文件

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
A	CN 102404705 A (中兴通讯股份有限公司) 04.4 月 2012 (04.04.2012) 说明书第[0037]-[0058]段、图 1-2	1-11
A	CN 101448229 A (深圳华为通信技术有限公司) 03.6 月 2009 (03.06.2009) 全文	1-11
A	US 2006223511 A1 (HAGALE, Anthony Richard et al.) 05 October 2006 (05.10.2006) 全文	1-11



其余文件在 C 栏的续页中列出。



见同族专利附件。

* 引用文件的具体类型:

“A” 认为不特别相关的表示了现有技术一般状态的文件

“E” 在国际申请日的当天或之后公布的在先申请或专利

“L” 可能对优先权要求构成怀疑的文件, 或为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件(如具体说明的)

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布, 与申请不相抵触, 但为了理解发明之理论或原理的在后文件

“X” 特别相关的文件, 单独考虑该文件, 认定要求保护的发明不是新颖的或不具有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 要求保护的发明不具有创造性

“&” 同族专利的文件

国际检索实际完成的日期

18.10 月 2013 (18.10.2013)

国际检索报告邮寄日期

07.11 月 2013 (07.11.2013)

ISA/CN 的名称和邮寄地址:

中华人民共和国国家知识产权局

中国北京市海淀区蓟门桥西土城路 6 号 100088

传真号: (86-10)62019451

授权官员

杨凯鹏

电话号码: (86-10) **61648263**

关于同族专利的信息

PCT/CN2013/079034

PCT/ISA/210 表(同族专利附件) (2009 年 7 月)

续: A. 主题的分类

H04W 4/16 (2009.01) i

H04W 88/02 (2009.01) i