

(12) 按照专利合作条约所公布的国际申请

(19) 世界知识产权组织
国际局



(43) 国际公布日
2006 年 9 月 8 日 (08.09.2006)

PCT

(10) 国际公布号
WO 2006/092097 A1

(51) 国际专利分类号:
H04L 12/56 (2006.01)

(21) 国际申请号: PCT/CN2006/000301

(22) 国际申请日: 2006 年 3 月 1 日 (01.03.2006)

(25) 申请语言: 中文

(26) 公布语言: 中文

(30) 优先权:
200510033434.2
2005 年 3 月 1 日 (01.03.2005) CN

(71) 申请人 (对除美国外的所有指定国): 华为技术有限公司(HUAWEI TECHNOLOGIES CO., LTD.)
[CN/CN]; 中国广东省深圳市龙岗区坂田华为总部
办公楼, Guangdong 518129 (CN)。

(72) 发明人; 及

(75) 发明人/申请人 (仅对美国): 杨洋(YANG, Yang)
[CN/CN]; 中国广东省深圳市龙岗区坂田华为总部
办公楼, Guangdong 518129 (CN)。 赵智广(ZHAO,
Zhiguang) [CN/CN]; 中国广东省深圳市龙岗区坂田
华为总部办公楼, Guangdong 518129 (CN)。

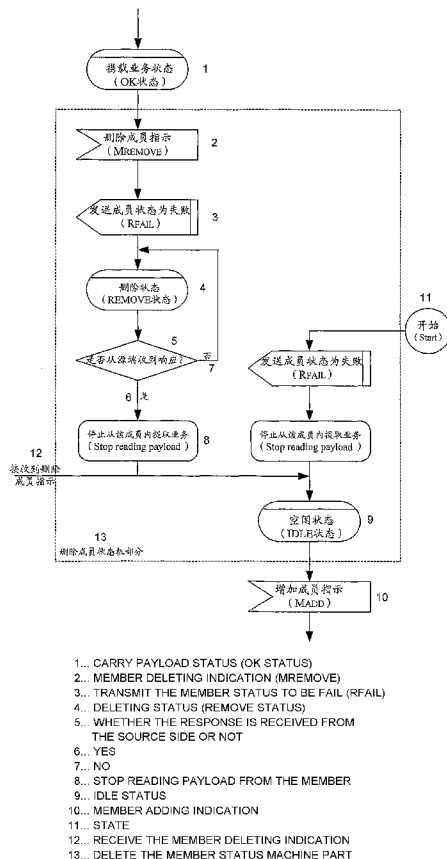
(74) 代理人: 北京德琦知识产权代理有限公司(DEQI
INTELLECTUAL PROPERTY LAW CORPORA-
TION); 中国北京市海淀区知春路1号学院国际大厦
7层, Beijing 100083 (CN)。

(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, AT, AU, AZ, BA, BB, BG,
BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE,
DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP,
KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ,

[见续页]

(54) Title: A METHOD FOR IMPLEMENTING THE MEMBER DELETION BY THE SINK SIDE OF LCAS AND THE SINK SIDE STATUS MACHINE THEREOF

(54) 发明名称: LCAS宿端删除成员的方法及实现该方法的宿端状态机



(57) Abstract: A method for implementing the member deletion by the sink side of LCAS comprises that: A. the sink side informs the member which is to be deleted to reach the deleting status after receiving the member deleting indication; B. the sink side determines whether the inform response from the source side is received, and if it hasn't, the member to be deleted keeps the deleting status and waits, and the payloads continues being read from the member to be deleted; if it has, the status of the member to be deleted is transferred to IDLE status. A sink side status machine for implementing the method of the present invention. A remove status for the member status is introduced newly at the sink side, which enables the sink side to stop reading payloads from the member to be deleted while the source side stops mapping payload at the member to be deleted and the adjustment of the source side bandwidth and sink side bandwidth is completed at the same time such that the payload wouldn't be harmed.

(57) 摘要: 本发明公开了一种实现链路容量调整机制 (LCAS) 宿端删除成员的方法, 该方法包括: A. 宿端接收到删除成员指示后, 向源端通知待删除成员进入删除状态; B. 宿端判断是否收到来自源端的响应, 若未收到, 则所述待删除成员继续处于删除状态且继续从所述待删除成员中提取业务, 并等待; 若接收到, 则将该待删除成员的状态迁移为空闲状态。本发明同时公开了一种实现该方法的宿端状态机, 在宿端为成员状态新增一删除 (REMOVE) 状态, 使得在源端停止在待删除成员上映射业务的同时, 宿端停止从该待删除成员内提取业务, 保证了源端和宿端的带宽同时得到调整, 从而保证了对业务无损伤。



OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW。

IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)。

(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, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), 欧亚 (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), 欧洲 (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS,

本国际公布:

— 包括国际检索报告。

所引用双字母代码及其它缩写符号, 请参考刊登在每期PCT公报期刊起始的“代码及缩写符号简要说明”。