Invited Talk 2

Expanding the Applications of MT in Patent Translation

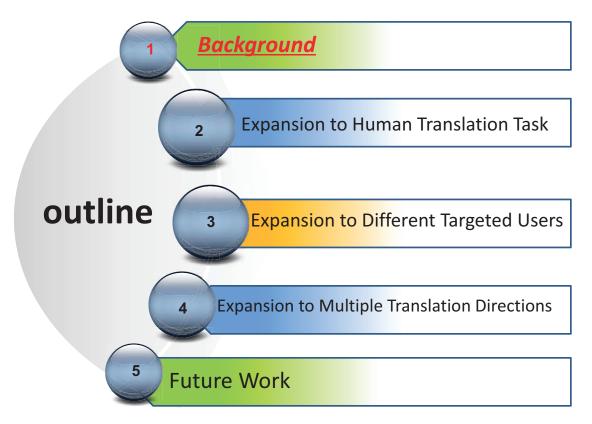
Dr. Hongfei Jiang China Patent Information Center (CPIC)



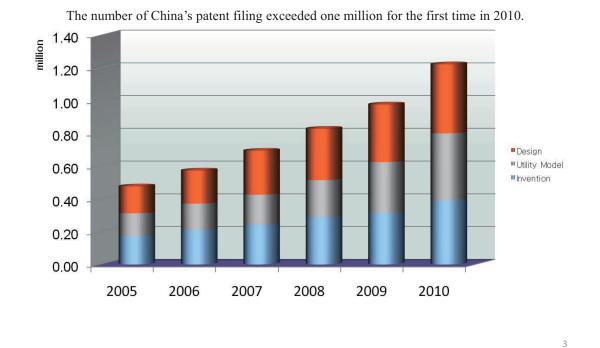
Expanding the Applications of MT in Patent Translation

China Patent Information Center

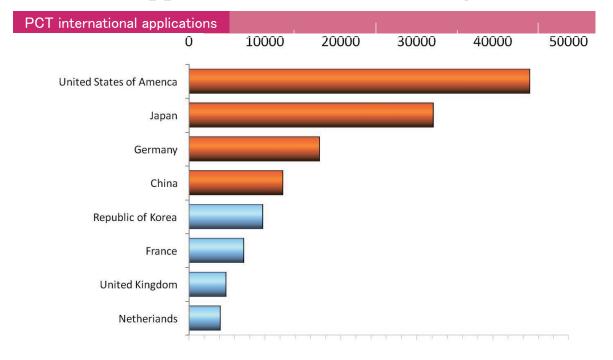
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China's Patent Filing Numbers

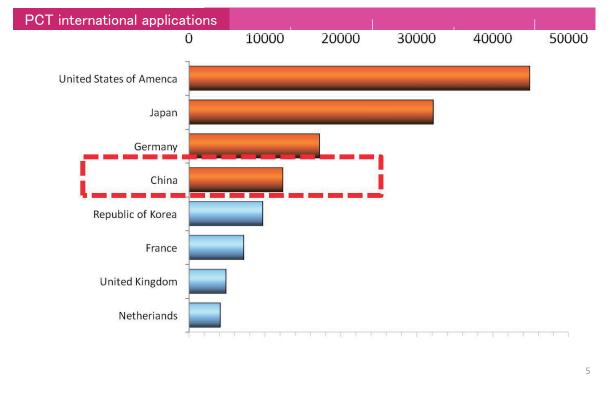


PCT Application Nation Ranking in 2010



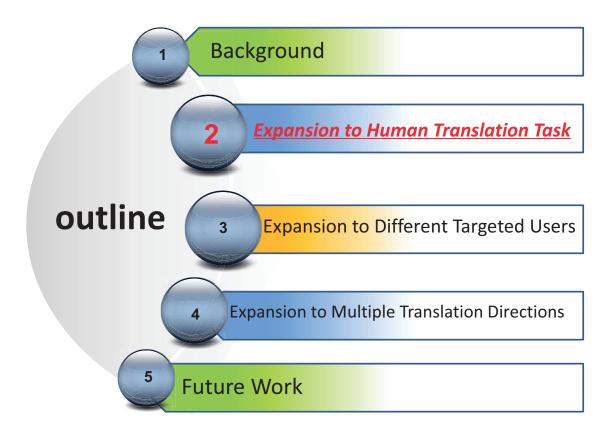
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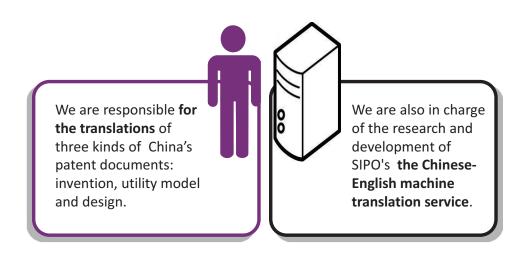


PCT Application Enterprise Ranking in 2010

2010 Ranking	POSITION Changed	APPLICANT'S NAME	COUNTRY OF ORIGIN	PCT APPLICATION PUBLISHED IN 2010	INCREASED OVER 2009	
1	0	PANASONIC CORPORATION	Japan	2,154	263	
2	20	ZTE CORPORATION	China	1,863	1,346	
3	2	QUALCOMM INCORPORATED	United States of America	1,677	397	
4	-2	HUAWEI TECHNOLOGIES CO., LTD.	China	1,528	-319	
5	-1	KONINKLIJKE PHILIPS ELECTRONICS N.V.	Netherlands	1,435	140	
6	-3	ROBERT BOSCH GMBH	Germany	1,301	-287	
7	0	LG ELECTRONICS INC.	Republic of Korea	1,298	208	
8	2	SHARP KABUSHIKI KAISHA	Japan	1,286	289	
9	-3	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	Sweden	1,149	-92	
10	-2	NEC CORPORATION	Japan	1,106	37	
					+	



Practical Businesses Motivated



CNPAT Translation Management Platform

- CNPAT translation management platform released
- The entire translation processes integrated:
 - process management
 - translation studio
 - quality examination
 - other business processes

CNPAT Translation Management Platform

- Main features of the translation studio:
 - Integration of the machine translation and translation assistance tools.
 - Different configurations for different translation tasks, e.g., abstract, title, design, application etc.
 - Establishment of an efficient user feedback and knowledge accumulation mechanism.

CNPAT Translation Management Platform



General View of Translation Studio

CIPAT翻译平台			le bar		
<u> </u>	交 ①打开任务 ①下一首 ②上一 目 ② 延 <u>厌 一 雅 泰士 </u> > provide base on _	<u>「LU 的 数子 根本电源</u>	tion area	<u> </u>	
	総压电源控制电路 ↓ SPLD的数字稳压电源控制电路,↓				
经过补偿设备变压器 有效值电路对输出电	工频电源从主电路输入, the AC power f 输出, 止采样,得到直流信号经过比较电路得到 该数字稳压由源控制由路中的控制信号县	输出电压的数字表示,此数字信号经可	编程数字逻辑电路处理后驱动开关	电路控制补偿变压器进行稳压补偿,	
	于SPLD的数子稳压电源控制电路,				1 1 句纠错 🔍 申请人纠错
EARCHIPPEARS ASSOC	明提供一种传输电路,用来实现数字 ntion provides a transmission ci stem.	cuit which is used for realiz		smission rate adaptation lay	ver in a digital
[机器翻译]—The i	invention provide one kind based	on SPLD's digital steady volt	age plug control circuit,		
	公开号:102163930A • 🔤 社务包号(1108250000	Stat	us bar **		

Different Configurations for Different Tasks

Configuration for the Title and Abstract

修 CRFAT職译手台	
●任务下载	
<u>本发明 提供 一种 基于 SPLD 的 数字 稳压电源 控制 电路 .</u> The invention provide base on digit stabilized power supply control circuit _	
基于SPLD的数字稳压电源控制电路 ↓	^
本发明提供一种基于SPLD的数字稳压电源控制电路, ↓	TH.
<i>v</i>	
所述控制电路的交流工频电源从主电路输入, the AC power frequency power source of the said control circuit	
本发明提供一种基于SPLD的数字稳压电源控制电路,	网错 💽申请人纠错
[句库翻译]本发明提供一种传输电路,用来实现数字通信系统中传输率适配层的功能(39%) The present invention provides a transmission circuit which is used for realizing the function of a transmission rate adaptation layer in a digit communication system.	al
[机器翻译]—The invention provide one kind based on SPLD's digital steady voltage plug control circuit,	
图当前登录:gtris 图公开号:102163930A + 图任务包号(110825000022);当前进度(1/5) 图工具 + 图词编辑 + 图号出/备份 + 图设置 + 图帮助 +	.d

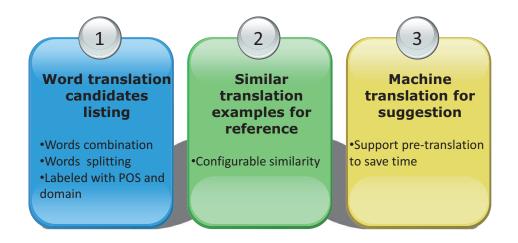
Configuration for the Brief Explanation of Design

tá c	NPAT翻	莃平台																
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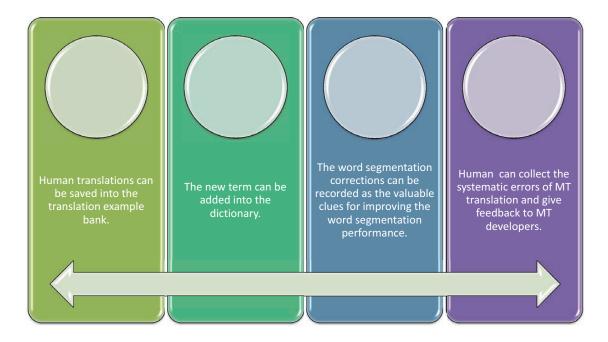
Configuration for Applicants

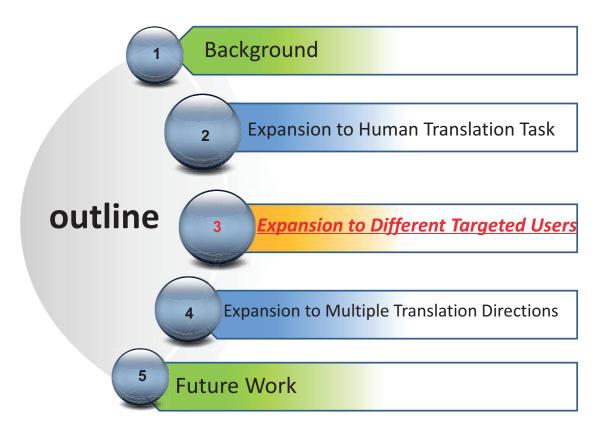
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1	<u>煜邦 电力 技术 有限公司_</u> Electric Power Technology Co., Ltd.	
	F]Beijig Yupont Electric Power Technology Co., Ltd.**{sj067}	
	编辑 ② 视图 ② 插入 ④ 格式 ② 工具 ① 表格 ④ 窗口 ⑧ 帮助 앱 Tradog Adobe PDF ④ Acrobat 注释 ②	×
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Effective Assistances from MT to HT



Positive Feedback from Human to MT



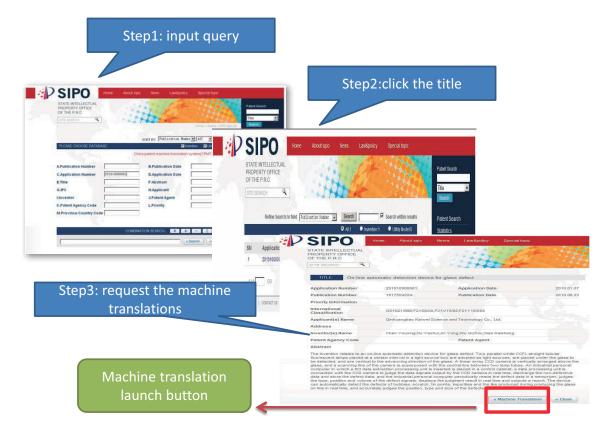


SIPO's English Patent Search UI

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		► LAW	APOLICY	_	► SPECIAL TOPIC	Statistics
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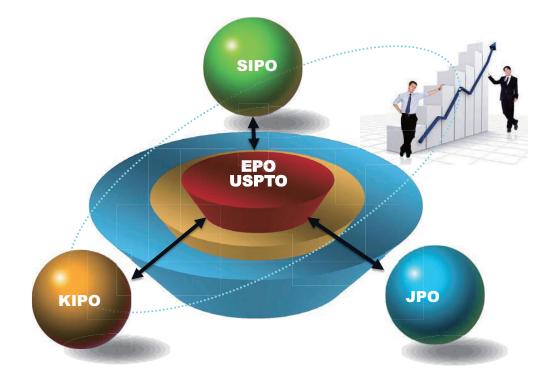
Machine Translation of Descriptions and Claims



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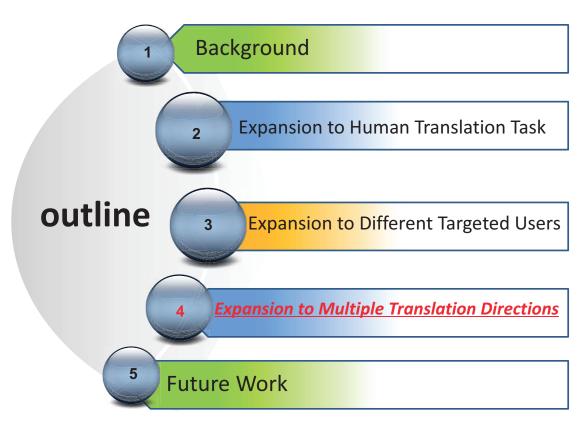
Defect such as inevitably produce fish tail, bubble and be mingled with in the glass productic process. How to detect the defect of glass be that glass production enterprise carries out production

IP5' Mutual Machine Translation Project

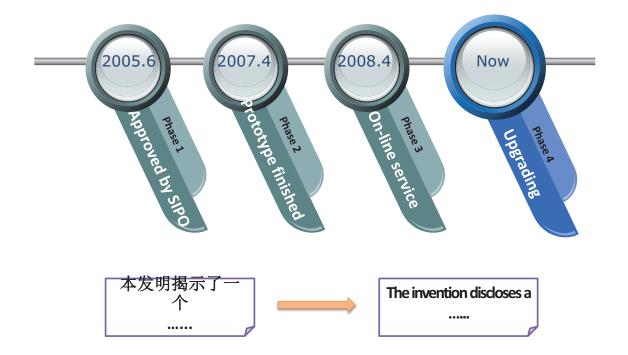


MT @ Patent Search and Service System of SIPO

		申请号	CN201110084492
** Y	翻译内容	🛞 申请日	2011.01.20
	(原文)	公开(公告)号	CN102131265A
首页	本发明公开了减少在无线通信网络之间的技术间切换的	~ 公开(公告)日	2011.07.20
专利检索	资源分配。公开的是一种用于减少异类无线通信网络之	IPC分类号	H04W72/04; H04W36/14
3 10 1	间技术间的资源分配的方法。该方法包括第一步骤,完 成移动站与切换目标技术网络的网络进入和新会话登记	申请(专利权)人	摩托罗拉移动公司:
	过程。下一步骤包括定义该新会话的活动模式。下一步 骤包括等待目标网络处的资源定时器期满。下一步骤包	发明人	谢哈布・M・赛义迪:
	括在定时器期满时为该新会话指配资源。	优先权号	US61/296, 537: US13/008, 32
		优先权日	2010.01.20; 2011.01.18
	(译文 /	申请人地址	美国伊利诺伊州
	The invention discloses and has reduced the resource allocation of switching over between the technique between the wireless communication network. Disclosed is a method that is used for reducing the resource allocation between the technique between foreign peoples's wireless communication	公开的是一种用于减少异类无约	摘要附 整中文 网络之间的技术间切换的资源分配。 线通信网络之间技术间的资源分配的 完成移动站与切换目标技术网络的网



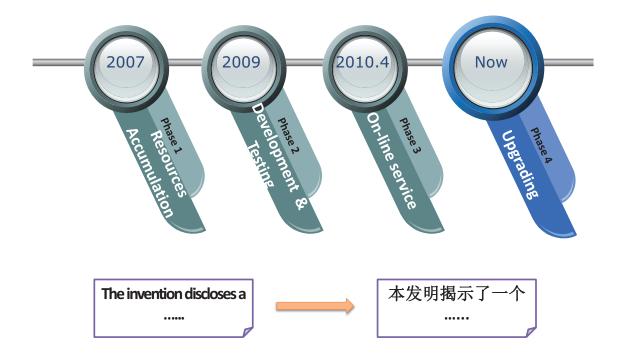
Chinese to English Patent Translation



CEMT of Descriptions and Claims



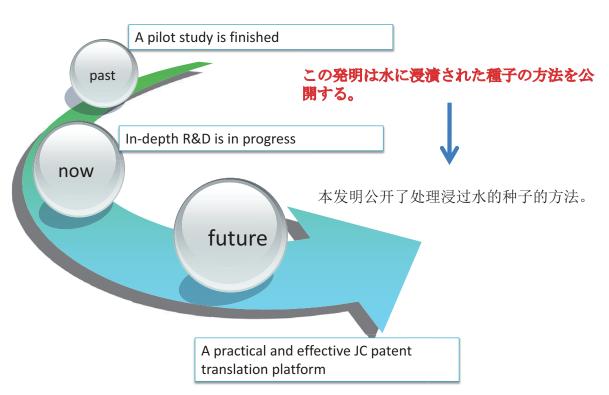
English to Chinese Patent Translation



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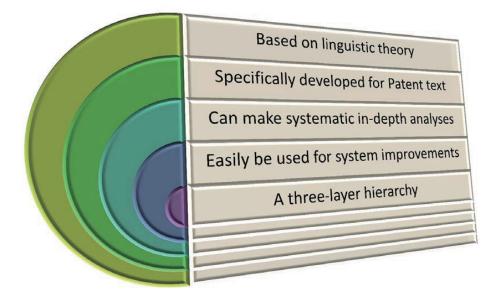
	翻译内容 🛞	申请号	VS201113036793	
·h	(原文)	申请日	2011. 02. 28	
2V	Abstract_EN: A server includes a communications	公开(公告)号	US2011151904A1	
-05	adapter; a controller and a datastore. The controller receives a first user input via a	公开(公告)日	2011.06.23	
首页	user interface to associate at least one image	IPC分类号	HD4W88/02; HD4W4,	
十百八十	attribute with a contact. Thereby, responsive to receiving an image from an electronic apparatus,	ECLA分类号	HD4N1/32C; HD4N1,	
专利检索	the controller automatically processes the image	申违 (专利权)人	MOTOROLA INC;	
		*	MOCK VON A; BAUDI	
	(译文)	优先权-	US201113036793;	
	Abstract_EN: 一个服务器包括一个通信转接器:一台控	优先权日	2011.02.28; 2006.	
	制器和一个数据存储器。 控制器通过一个用户界面接受第一用户输入,以关联具 有一次接触的至少一个图象属性。 因此,对从一个电子器具接受一个图像反应积极,控制 器自动地处理图像,以识别对应于图象属性的图像的至 少一个特征,用在图象属性上的接触座关联图像:通过	摘要 [支持在注意]		

cally processes the image to identify at least one feature

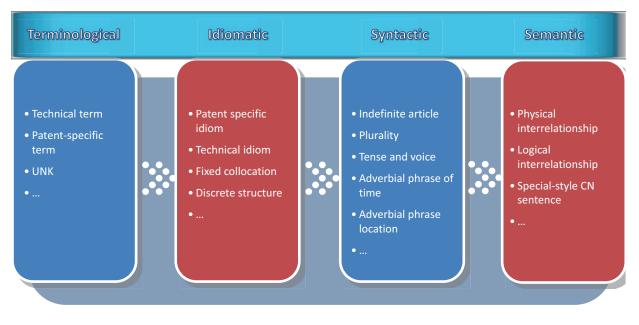


Japanese to Chinese Patent Translation

Check-point Style Evaluation Scheme

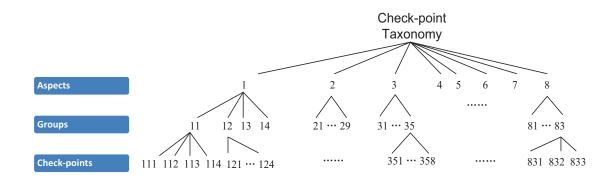


Evaluation Scheme Considerations

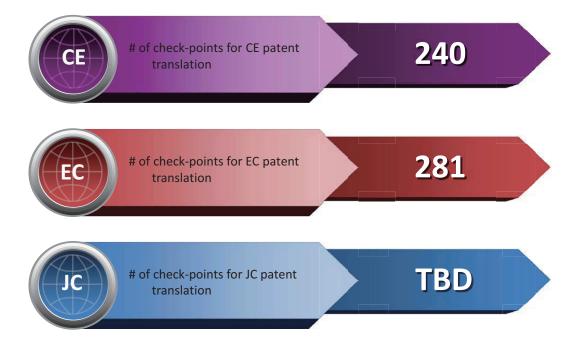


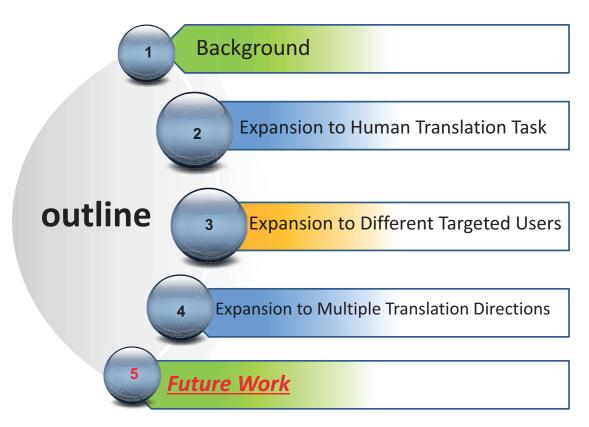
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Evaluation Scheme Hierarchy



Current Status of Evaluation Schemes





Future Work

- To collect & accumulate more useful translation resources
- To explore more patent machine translation technologies
- To enhance our R&D capability through collaboration with colleagues and experts



State Intellectual Property Office of the People's Republic of China