Translation and Patents

World Intellectual Property Organization
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Agenda

Google

(1) **Goals and Motivations**

(2) **Translation and Patent Tools**

(3) **Partnerships**

(4) **Conclusion**

Goals and Motivation

Google

Google.com: "Organize the world's information and make it universally accessible and useful."

kiana

hello

hola

napaykullayki

olá

bonjour

hallo

привет

こんにちは

向...说"喂"

مرحبا

हैलो

jambo

mhoroi

Web, Video, Images, News, Geo, Business info, Books

...and Patents

How Can Google Help?

- **Reduce language barriers (translation services)**
  - Translate Element
  - Translator Toolkit
  - Translate API

- **Digitize patents**
  - Optical Character Recognition (OCR)

- **Make patents searchable**
  - Google Patent Search

Translate Element

Google

Select Language ▼

Powered by Google™ Translate

- **Web based widget**

- **Copy the widget into a webpage**

- **Automatically translate the page to 55+ languages**

- **Free for public use (currently used by WIPO)**

- **No maintenance or IT support**

Translator Toolkit

- **Cloud-based translation tool designed for human translators**

- **Many large multi-national organizations use Toolkit as their translation management system**

- **Supports custom translations (TM and glossary)**

- **Free for public use**

Translate API

- **HTTPS based API**

- **Simple interface**

- **Launched paid service**

- **Secure API and ensure data privacy**

- **Currently used by the EPO**

Optical Character Recognition

- **Based on Google Books technology**

- **OCR patent images**

- **Supports over 40+ languages**

- **Currently processing USPTO patents**

Patent Search

- **Uses Google's search technology**

- **Directs Google users to Patent Search**

- **Partners with patent organizations**

- **Hosts more than 8M patents, 3M+ applications, totaling 50 TB of data**

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European Patent Office

Google

- **Entered into partnership this year**

- **Google offers Translate services to the EPO**

- **EPO provides Google with translated patents**

- **Reduce language barriers and improve machine translation for patent text**

US Patent and Trademark Office

Google

- **USPTO provides patents to Google**

- **Google performs OCR and digitization routines**

- **Patents available via Patent Search**

- **Provides traffic back to USPTO**

Partnership Opportunities

- **Translation services:**
  - **Translate Element**
  - **Translator Toolkit**
  - **Translation API**
- **OCR**
- **Patent Search**

Open to working with other patent offices

Thank you!

Google

Please contact me if you have any questions or suggestions

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