



**G-SIGN IP  
SIMILAR PATENT APPLICATION  
USER GUIDE**

# 1 *About the Project...*

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The G-SIGN-IP (Global Smart InterGovernment Network for Secure Data Exchange Piloting for Intellectual Property Service) project aims to ensure secure, transparent, and efficient data exchange in the field of intellectual property.

## **Project Purpose**

Its main goal is to digitalize international patent application processes, enabling users to securely perform identity verification, authorization, and information sharing between institutions in different countries.

Within this scope, the project integrates blockchain and artificial intelligence (AI) technologies to enhance data security and increase efficiency by automating application processes.

The project is carried out under the NGI Sargasso program, funded by the European Commission, with the purpose of fostering collaboration between the European Union, the United States, and Canada in the field of Next Generation Internet (NGI) technologies.

## **Project Scope**

- Digital submission and management of patent applications
- AI-supported analysis of similar or related patents
- Blockchain-based identity verification and data Exchange.
- Process automation through smart contracts
- Secure cross-border data flow among international systems

## **Important Information and Restrictions**

- Allows users to review similar patents before creating a new application.
- Users can access the uploaded documents related to applications.
- Logging into the platform is required to perform a search.
- Search results are retrieved in real time from source patent databases.

## 2 System Login

- The system is a web-based platform. To access the system, users must first click on the provided link ([<https://gsign.turksat.com.tr/>]).



Register Login

### G-SIGN-IP

NGI Sargasso is a European Commission-funded cascade funding program dedicated to fostering innovation and strengthening collaboration between the European Union, the United States, and Canada in the field of next-generation internet (NGI) technologies. The G-SIGN-IP (Global Smart InterGovernment Network for Secure Data Exchange Piloting for Intellectual Property Service) project, which has been accepted within the scope of this program, will create a blockchain and artificial intelligence infrastructure to create a secure cross-border network for identity verification, authorization and information sharing. The project is carried out by academic institutions and private sector companies in accordance with mutual interaction and information sharing.



- If the user does not have an existing account, they should complete the “**Register**” process.

### Join Our Platform

Create your account and start your patent application journey.

### Create Account

Fill in your information to get started

#### Personal Information

\* First Name

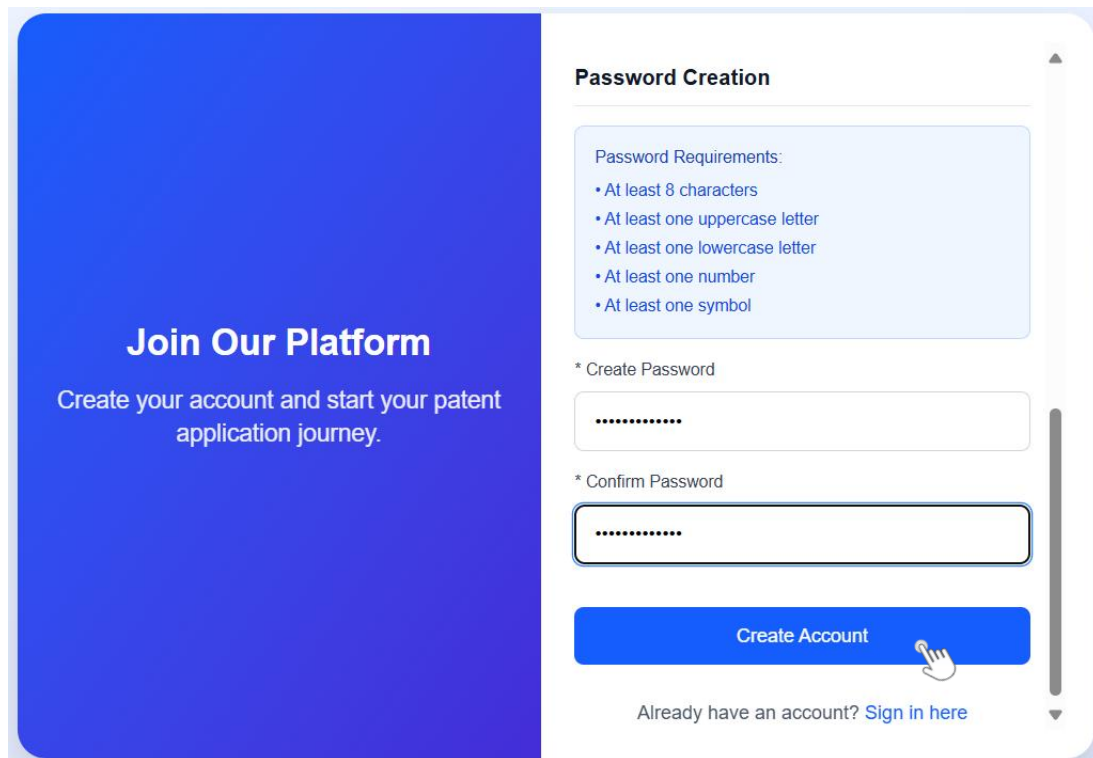
Middle Name

\* Last Name

#### Contact Information

\* Email Address

## 2 System Login



**Join Our Platform**

Create your account and start your patent application journey.

**Password Creation**

Password Requirements:

- At least 8 characters
- At least one uppercase letter
- At least one lowercase letter
- At least one number
- At least one symbol

\* Create Password

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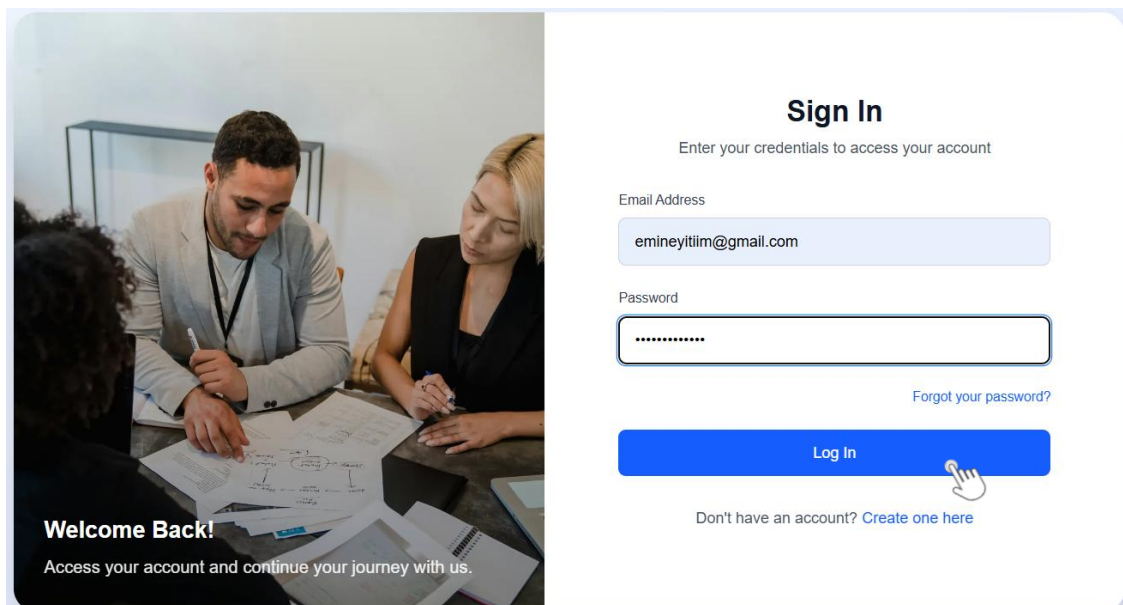
\* Confirm Password

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Create Account

Already have an account? [Sign in here](#)

- If the user has not previously created an account, they must fill in the required fields in the registration form and click the “**Create Account**” button.
- The user can log in to the system using the **email address** and **password** provided during the registration process.



**Sign In**

Enter your credentials to access your account

Email Address

emineyitilm@gmail.com

Password

.....

[Forgot your password?](#)

Log In

Don't have an account? [Create one here](#)

**Welcome Back!**

Access your account and continue your journey with us.

## 2 System Login

- The user clicks the “Log In” button to access their personal application portal.



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EY Emine Yitim ▾

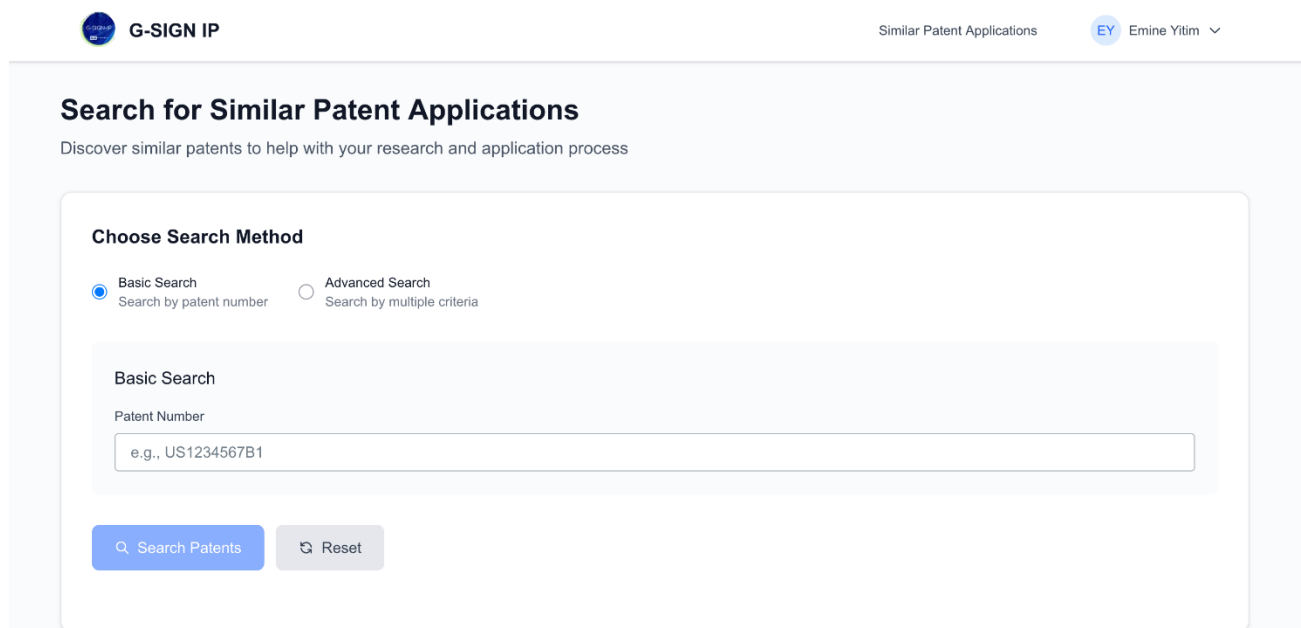
### G-SIGN-IP

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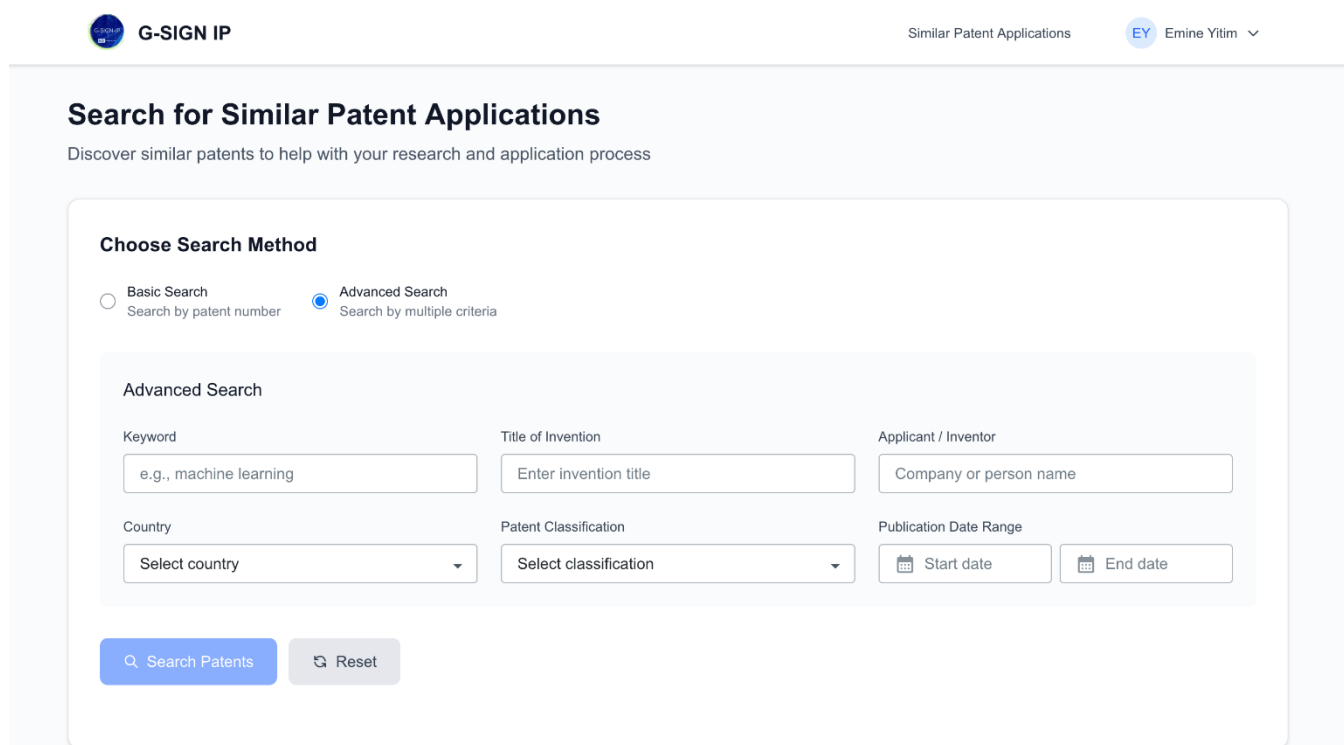
# 3 Similar Patent Application

- To perform a similar application search, click the **“Similar Patent Applications”** button.
- The similar application search tool is a web-based search application for patents. It provides advanced access to prior art and features two modern interfaces that can be selected by the user.
  - If you want to search using only the **patent number**, select the **“Basic Search”** option.



The screenshot shows the G-SIGN IP website header with the logo and navigation links. The main heading is "Search for Similar Patent Applications" with a subtitle "Discover similar patents to help with your research and application process". Under "Choose Search Method", the "Basic Search" option is selected, with the subtext "Search by patent number". The "Advanced Search" option is also visible with the subtext "Search by multiple criteria". In the "Basic Search" section, there is a text input field for "Patent Number" containing the example "e.g., US1234567B1". At the bottom, there are two buttons: "Search Patents" and "Reset".

- To perform a more detailed search with additional filters and criteria, select the **“Advanced Search”** option.



The screenshot shows the G-SIGN IP website header. The main heading is "Search for Similar Patent Applications" with a subtitle "Discover similar patents to help with your research and application process". Under "Choose Search Method", the "Advanced Search" option is selected, with the subtext "Search by multiple criteria". The "Basic Search" option is also visible with the subtext "Search by patent number". In the "Advanced Search" section, there are six input fields: "Keyword" (containing "e.g., machine learning"), "Title of Invention" (containing "Enter invention title"), "Applicant / Inventor" (containing "Company or person name"), "Country" (a dropdown menu with "Select country"), "Patent Classification" (a dropdown menu with "Select classification"), and "Publication Date Range" (containing "Start date" and "End date" with calendar icons). At the bottom, there are two buttons: "Search Patents" and "Reset".

## 3 Similar Patent Application

- After selecting the **Advanced Search** option and applying the desired filters, click the “**Search Patents**” button.

Advanced Search

Keyword

vehicles

Title of Invention

Enter invention title

Applicant / Inventor

Company or person name

Country

Select country

Patent Classification

Select classification

Publication Date Range

Start date

End date


Search Patents

Reset

Search Results

Found 1 result

1 Results

PATENT NUMBER	PUBLICATION DATE	APPLICATION DATE	TITLE	APPLICANT / INVENTOR	COUNTRY	ACTION
PT250000002744	2025-10-21	2025-10-21	Adaptive Dual-Mode Traction Motor Control Syst...	Emine Yitim Emine Yitim	Turkey	

Showing 1 to 1 of 1 results

Previous

1

Next

- Users can export search results as PDF files. To do this, they should click on the icon in the Action column of the table.

### Patent Details

Detailed information about the patent application

#### Application Summary

Application Number  
**PT250000002744**

#### Applicant / Inventor Information

<b>Applicant / Inventor:</b>	<b>Prefix-First Last Name-Suffix:</b> Emine Yitim
<b>Nationality:</b> Turkey	<b>Date of Birth:</b> 17.10.2025
<b>National ID Number:</b> 26881265343	<b>Gender:</b> 2
<b>Applicant Entitlement Rate (%):</b> 0%	

# 3 Similar Patent Application



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Similar Patent Applications



Necmi ŞENGÜL

## Contact Information

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Cell Phone Number: 90 5051423698

## Residence Information

Residency Type: Non US Residency

State / Province: 0

Country of Residence:

City: Ankara

## Correspondence Information

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City: Ankara

Street Address 1: Bahcelievler Mahallesi 319.Sk. No:19

Postal Code:

Street Address 2:

Inventor Information Confidential: No



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Similar Patent Applications



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## Non-Provisional Utility Patent Application Information

Application Type: Non-Provisional Utility

Title of the Invention: Adaptive Dual-Mode Traction Motor Control System for Electric Vehicles

**Invention Summary:** The invention relates to an adaptive dual-mode traction motor control system designed for electric vehicles, which optimizes motor performance based on driving conditions and load requirements. The system integrates a sensor-based motor driver capable of switching between efficiency mode and performance mode in real time. Through continuous monitoring of parameters such as torque demand, road inclination, and battery status, the system dynamically adjusts motor current and voltage to enhance energy efficiency, reduce thermal stress, and improve acceleration response. This invention aims to extend battery life while maintaining high driving performance, particularly under variable terrain and traffic conditions.

## Detailed Description of the Invention

### Claims

claims.pdf

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### Abstract of the Disclosure

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### Drawings

drawings.pdf [Download](#)

### Supporting Documents


No files uploaded

### Likelihood Rate


**i** Based on the documents you have uploaded and the available patent data, the probability of your application being approved is estimated to be approximately 0.0%. This is based on an analysis of past applications with similar content.

[Back to Patent Search](#)

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Similar Patent Applications

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## Search for Similar Patent Applications

Discover similar patents to help with your research and application process

### Choose Search Method

☒ Basic Search  
Search by patent number

☐ Advanced Search  
Search by multiple criteria

#### Basic Search

Patent Number

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