G-SIGN IP
SIMILAR PATENT APPLICATION

USER GUIDE

TÜRKSAT

Funded by the European Union

NGI SARGASSO

1 About the Project...

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

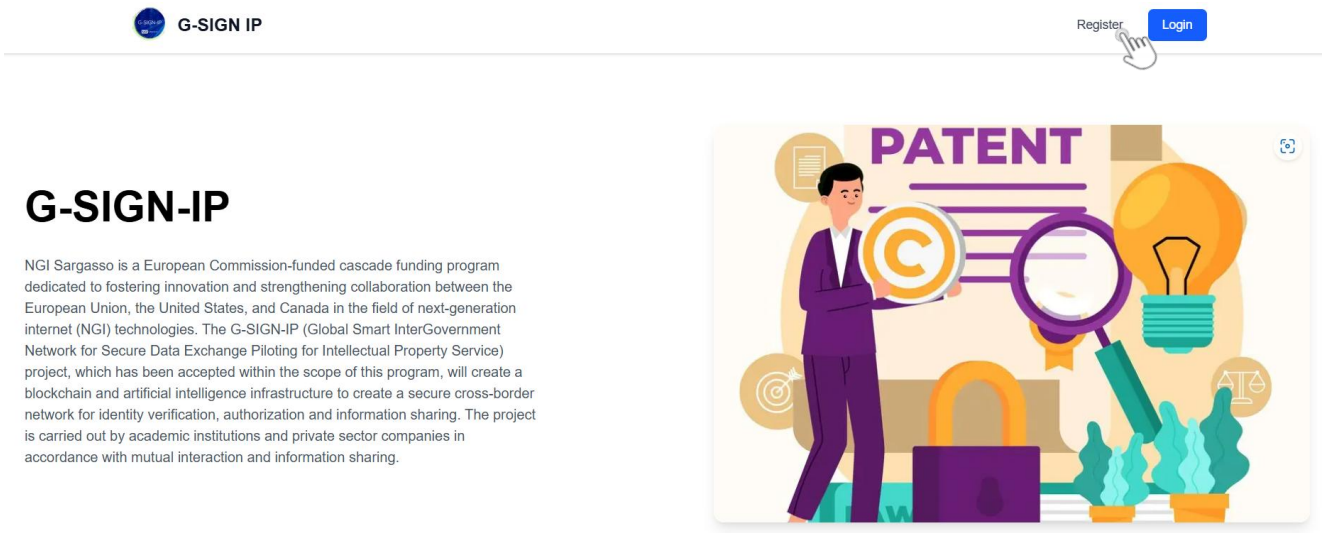
- Digital submission and management of patent applications
- AI-supported analysis of similar or related patents
- Blockchain-based identity verification and data Exchange.
- Process automation through smart contracts
- Secure cross-border data flow among international systems

Important Information and Restrictions

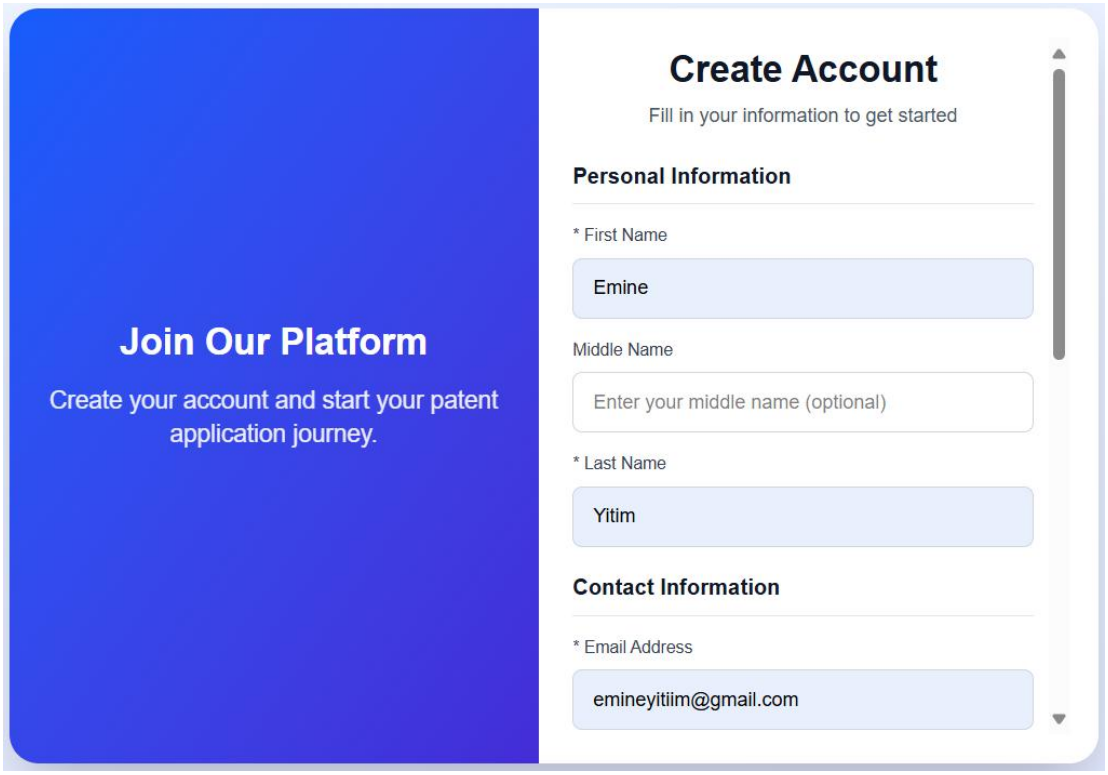
- Allows users to review similar patents before creating a new application.
- Users can access the uploaded documents related to applications.
- Logging into the platform is required to perform a search.
- Search results are retrieved in real time from source patent databases.

2 System Login

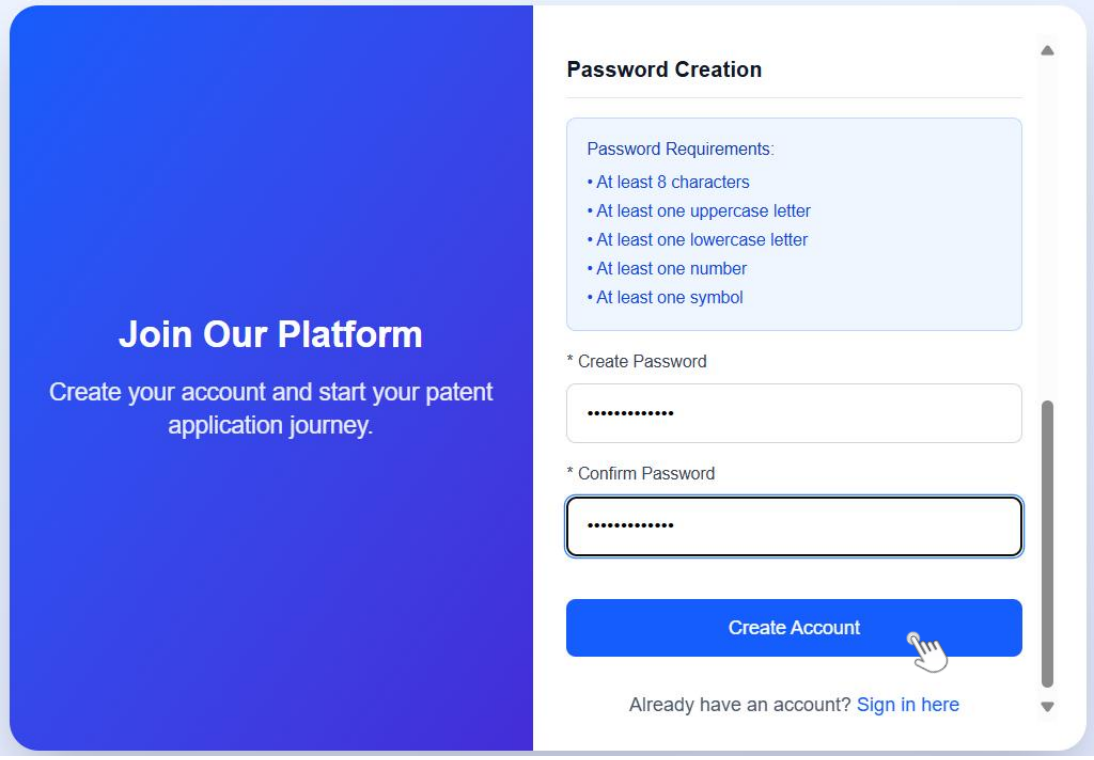
- The system is a web-based platform. To access the system, users must first click on the provided link (**[https://gsign.turksat.com.tr/]**).



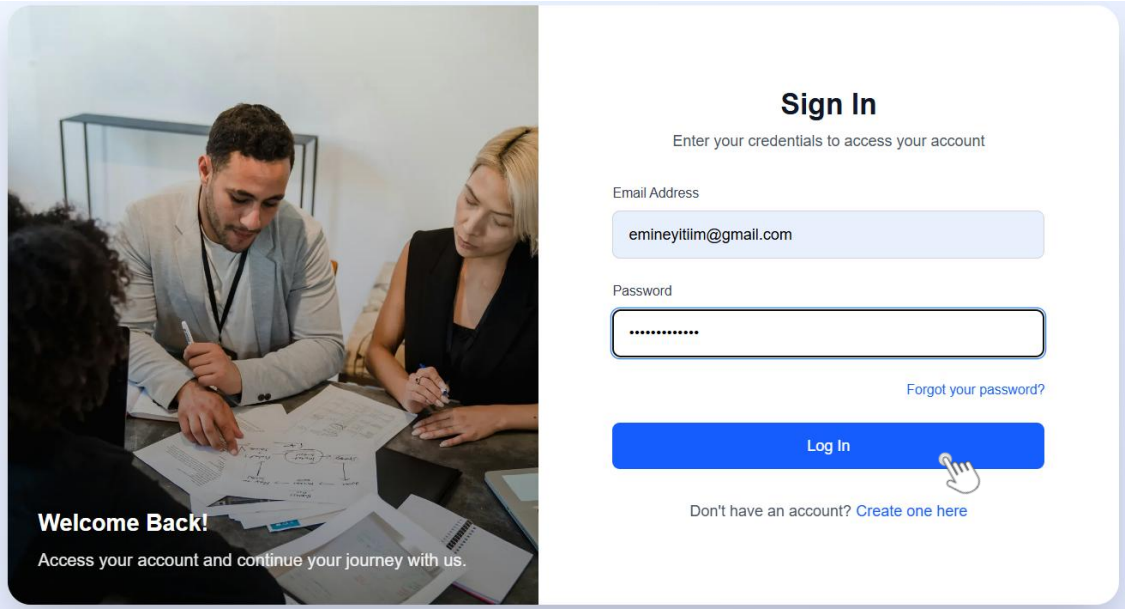
- If the user does not have an existing account, they should complete the "**Register**" process.



2 System Login

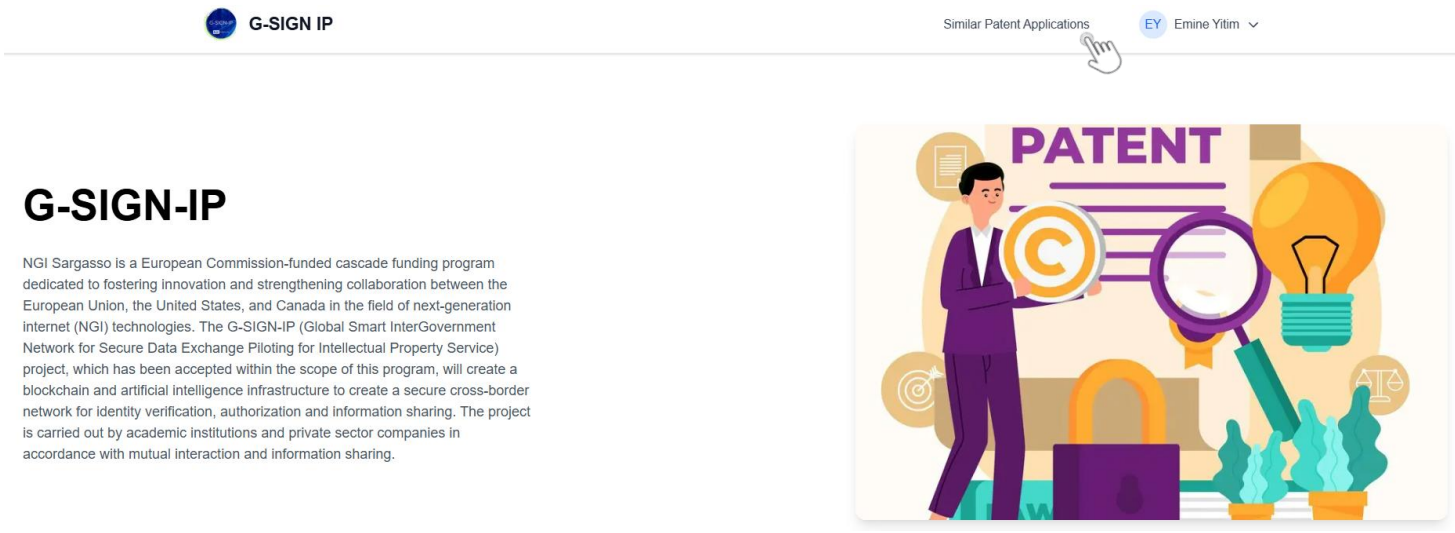


- If the user has not previously created an account, they must fill in the required fields in the registration form and click the "**Create Account**" button.
- The user can log in to the system using the **email address** and **password** provided during the registration process.



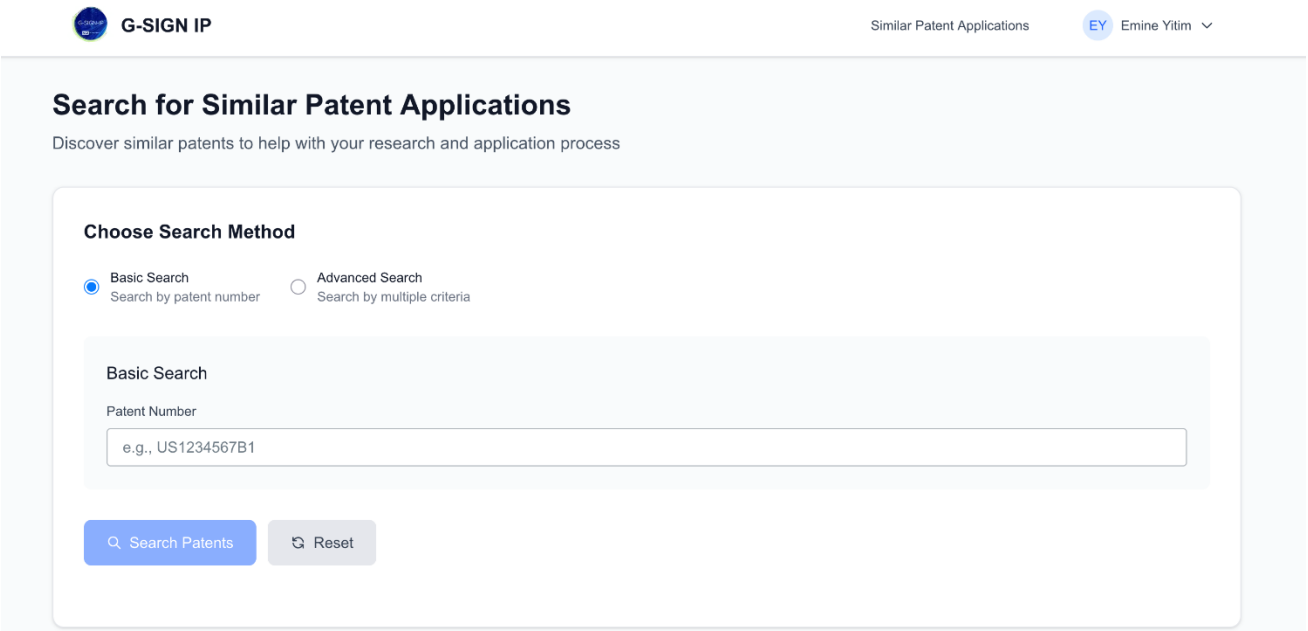
2 System Login

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

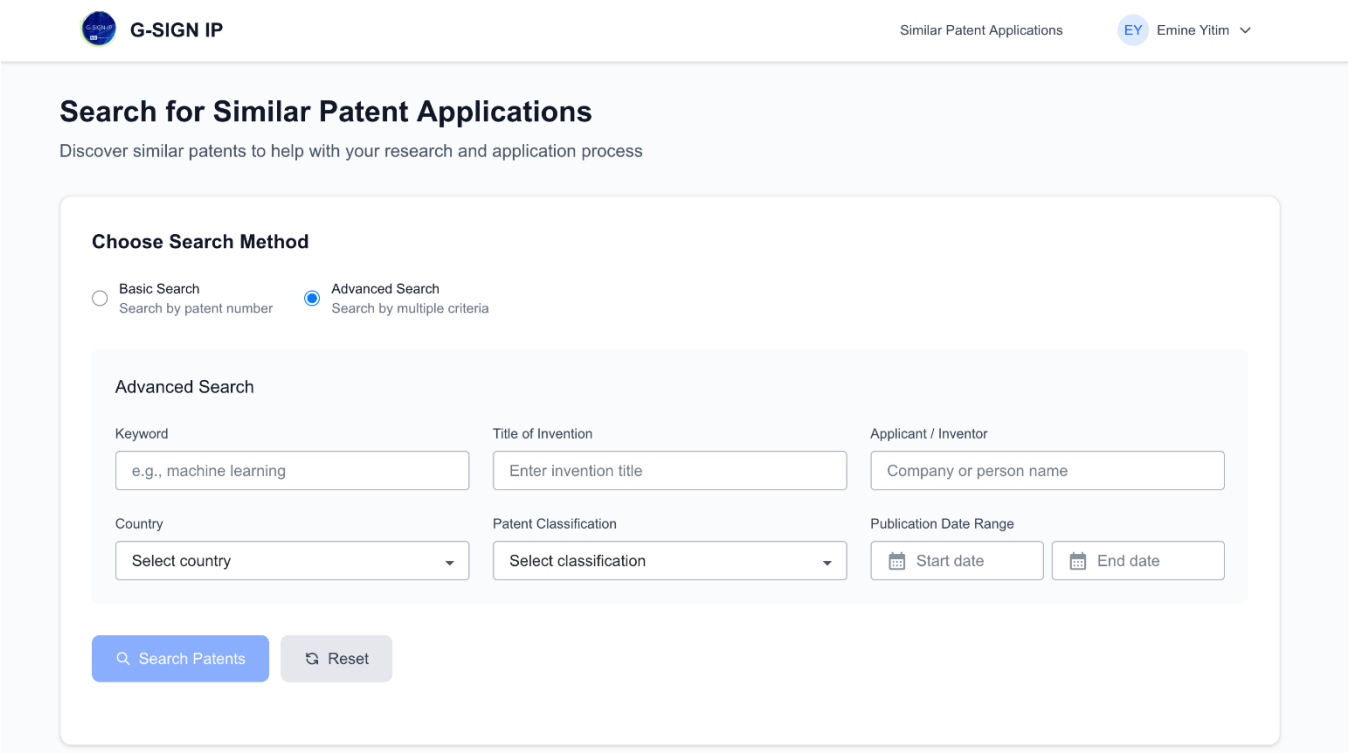


3 Similar Patent Application

- 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.

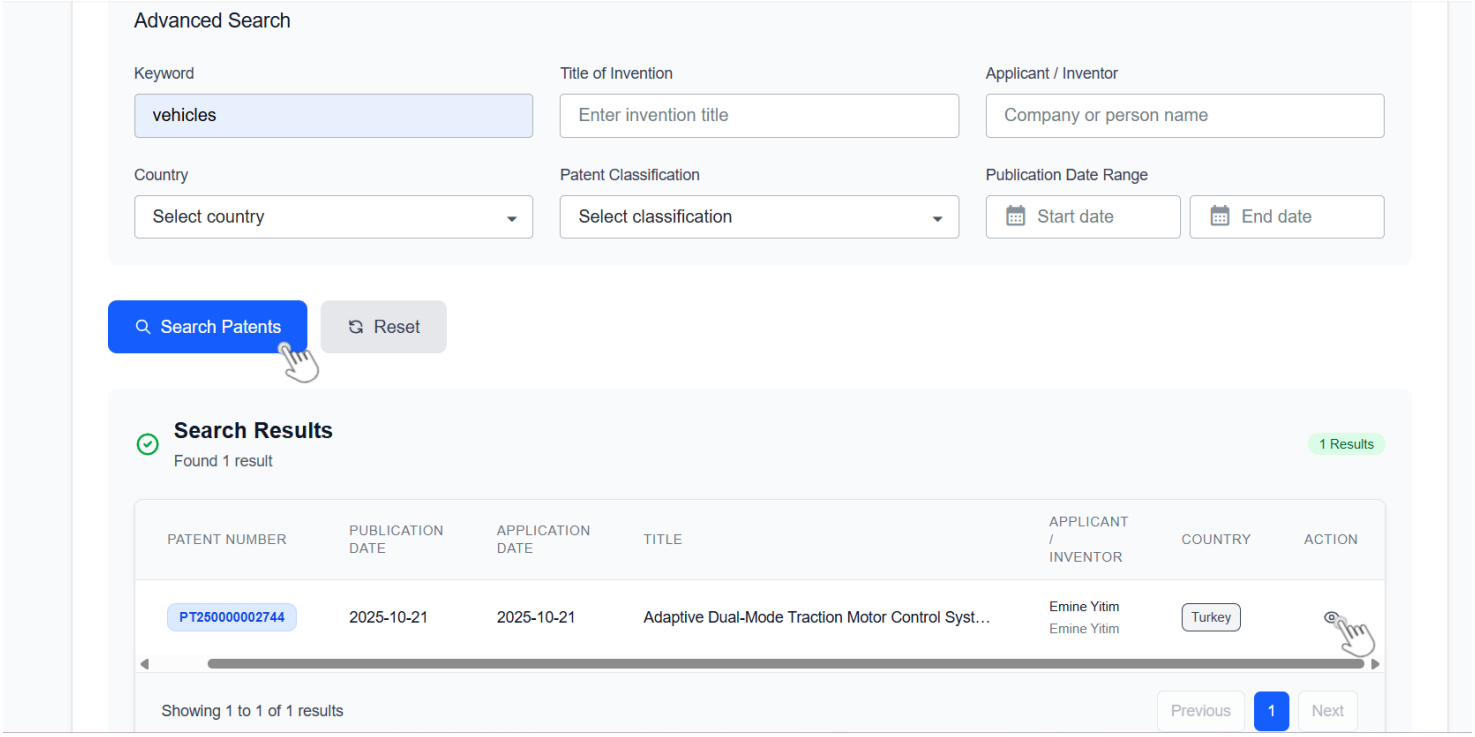


    - To perform a more detailed search with additional filters and criteria, select the **“Advanced Search”** option.

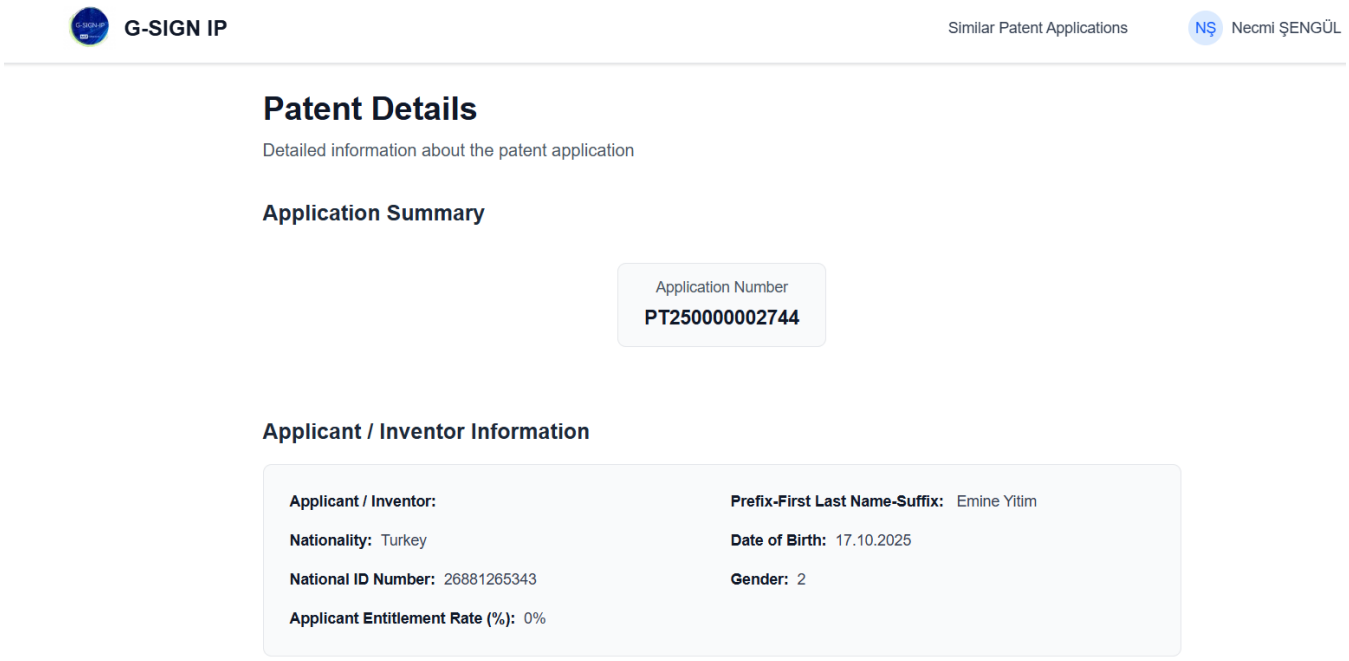


3 Similar Patent Application

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



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



3 Similar Patent Application

G-SIGN IP Similar Patent Applications NŞ Necmi ŞENGÜL

Contact Information

Email Address: emineyitiim@gmail.com
Cell Phone Number: 90 5051423698

Residence Information

Residency Type: Non US Residency
State / Province: 0
Country of Residence:
City: Ankara

Correspondence Information

Country: 215
City: Ankara
Street Address 1: Bahcelievler Mahallesi 319.Sk. No:19
Postal Code:
Street Address 2:
Inventor Information Confidential: No

G-SIGN IP Similar Patent Applications NŞ Necmi ŞENGÜL

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

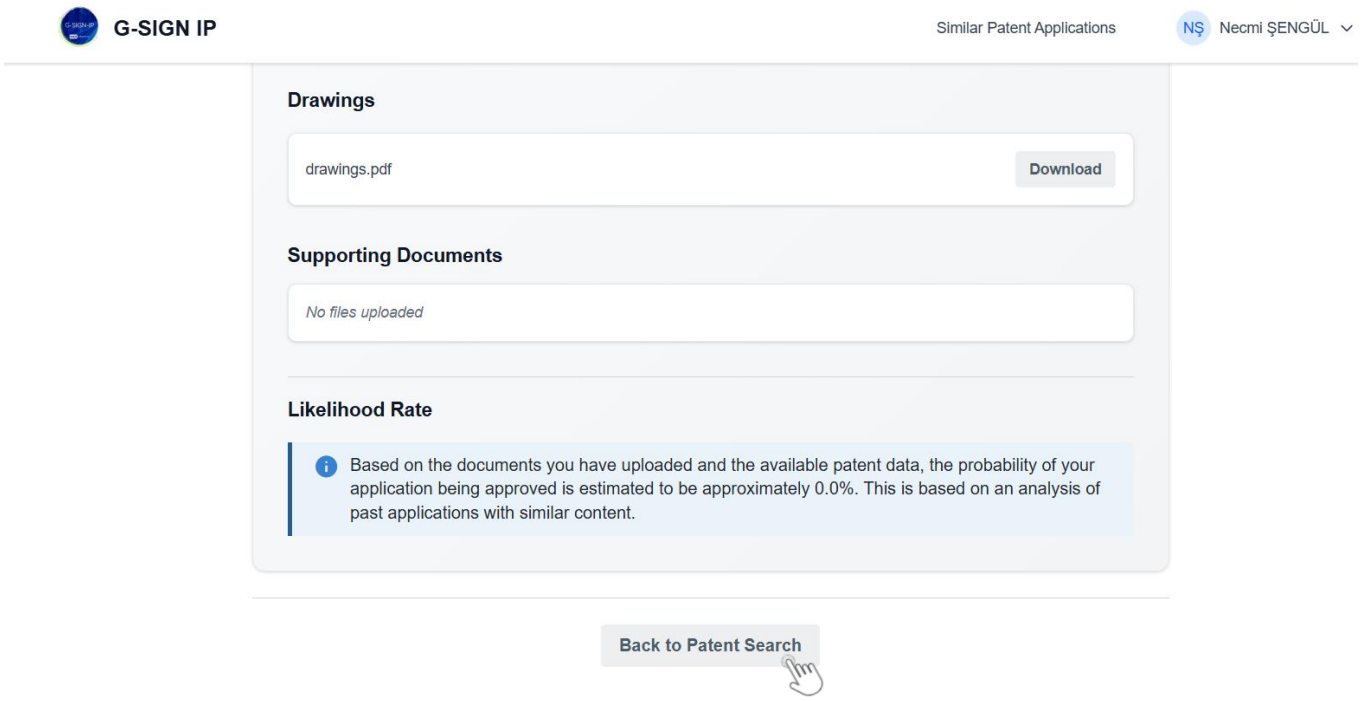
Claims

claims.pdf Download

Abstract of the Disclosure

abstract.pdf Download

3 Similar Patent Application



- To return to the patent search page, click the "**Back to Patent Search**" button.