(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/08/2023

(21) Application No.202311052297 A
(43) Publication Date : 01/09/2023

(54) Title of the invention : SYSTEM FOR TECHNOLOGY DETECTION IN SOFTWARE SOLUTIONS

(51) International classification :G06Q0010080000, G06N0020000000, H04L0041140000, G06K0007100000, G06N0003040000
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The system (100) for technology detection is designed to identify and analyse the presence of specific technologies within software applications (102). It employs a combination of techniques, including signature-based detection, textual analysis, file and metadata analysis, network traffic analysis, machine learning, and reverse engineering. The system (100) aims to provide insights into the technologies utilized by software (102), which can be crucial for various purposes such as software inventory management, security auditing, compliance assessment, and performance optimization. By leveraging diverse methods, the system (100) enhances the accuracy and coverage of technology detection, allowing organizations and developers to gain a deeper understanding of the software's underlying components and infrastructure. Through continuous updates and improvements, the system (100) remains adaptable to emerging technologies and evolves to meet the evolving needs of technology detection in the software (100)

No. of Pages : 28 No. of Claims : 10