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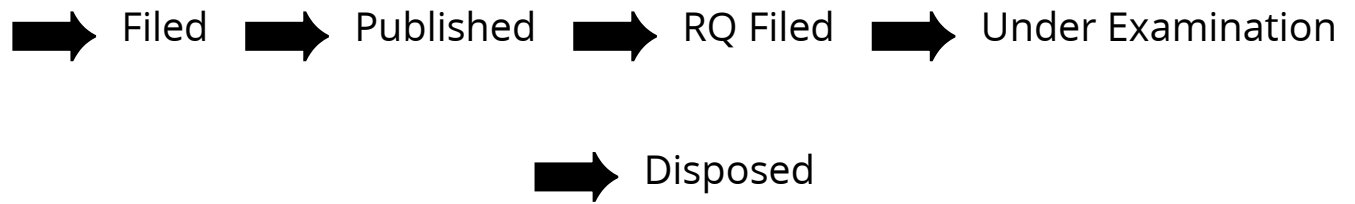
#### Application Details

APPLICATION NUMBER	202241052308
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	13/09/2022
APPLICANT NAME	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering Technology
TITLE OF INVENTION	Intrusion detection and analysis system in local networks using machine learning
FIELD OF INVENTION	PHYSICS
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PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	23/09/2022

#### Application Status

APPLICATION STATUS	<b>Awaiting Request for Examination</b>
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(54) Title of the invention : Intrusion detection and analysis system in local networks using machine learning

(51) International classification :G01R0031000000, G06N0005000000, B32B0027400000, F03B0013000000, G06N0003000000

(86) International Application No :PCT//  
Filing Date :01/01/1900

(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 :**

ABSTRACT [500] Our Invention Intrusion detection and analysis system in local networks using machine learning is a Interruption identification framework [IDS] is a huge base for the organization protection. A colossal measure of information is created with the most recent innovations like distributed computing and online entertainment organizations. As the information age continues to build, there are chances that various types of interruption assaults are additionally conceivable. This invention principally centers on the AI (ML) methods for network protection on the side of interruption location. It utilizes three unique calculations, in particular Naïve Bayes classifier, Hoeffding tree classifier and outfit classifier. The review is performed on arising strategies and is contrasted and streaming and non-streaming climate. The conversation on utilizing the arising strategies and difficulties is given in this invention the notable NSL\_KDD datasets. The idea of float is prompted in the static stream by utilizing the SEA generator. At long last, it is observed that the gathering classifier is more reasonable for both the conditions with and without idea float.

No. of Pages : 13 No. of Claims : 6