

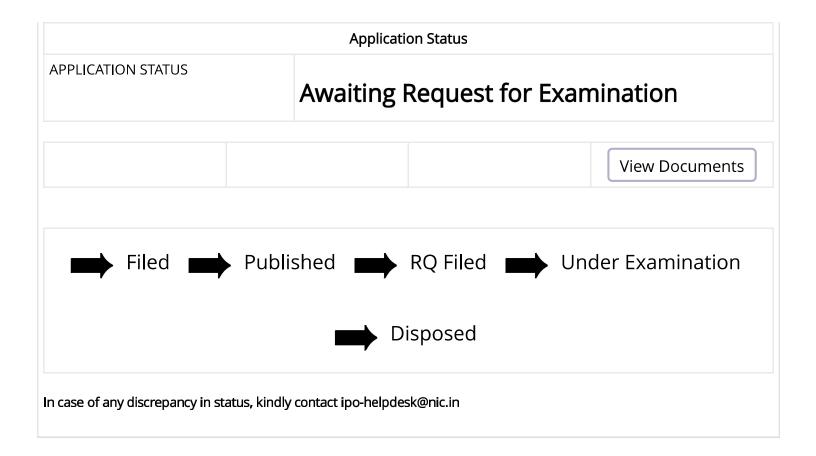
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TITLE OF INVENTION	Deep Learning Enabled Multi-Class Plant Disease Detection Model Based on Computer Vision	
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<ul> <li>(51) International classification</li> <li>(86) International Application No Filing Date</li> <li>(87) International Publication No</li> <li>(61) Patent of Addition to Application Number Filing Date</li> <li>(62) Divisional to Application Number Filing Date</li> </ul>	:H04N0005232000, G06T0007000000, H04N0005235000, G06T0007215000, G06T0005500000 :PCT// :01/01/1900 : NA :NA :NA :NA :NA	<ul> <li>Address of Applicant :Sri Krishna College of Engineering and Technology</li> <li>2)Dr. P. Mano Paul</li> <li>Address of Applicant :Alliance College of Engineering and Design, Alliance University</li> <li>3)Dr. Sampada Gulavani</li> <li>Address of Applicant :Bharati Vidyapeeth(Deemed to be University) Institute of Management, Kolhapur, Maharashtra</li> <li>4)Shruti N.Mehta</li> <li>Address of Applicant :Research Scholar,School of Engineering and Technology,SET,CSE Department, Sharda University, Greater Noida,U.P,India</li> <li>5)J. Daniel Francis Selvaraj</li> <li>Address of Applicant :Dept of Computer Science and Engineering, Sri Krishna College of Engineering &amp; Technology Coimbatore</li> <li>6)Dr. Warish Patel</li> <li>Address of Applicant :Department of Computer Science &amp; Engineering, Parul Institute of Engineering and Technology, Parul University</li> <li>7)Neeraj Rohilla</li> <li>Address of Applicant :M.M. Institute of Computer Technology &amp; Business Management Maharishi Markandeshwar (Deemed to be University), Mullana, , Ambala, India - 133207</li> </ul>
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(54) Title of the invention : Deep Learning Enabled Multi-Class Plant Disease Detection Model Based on Computer Vision

(57) Abstract :

A recording medium and a technique for identifying plant diseases are offered. There are several steps in this method. First, the method includes creating a database of plant diseases, which stores images of plant diseases and their characteristic symptoms. Next, images of plants are captured using an image capture device, which is then processed using one of several techniques. Finally, images of suspected regions are generated using a second processing technique. Finally, the area of the suspected regions is calculated.

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