(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :25/05/2022

(21) Application No.202241030064 A

(43) Publication Date : 03/06/2022

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(54) Title of the invention : SELF DIAGNOSIS OF LIVER DISEASE SYMPTOMS USING MACHINE LEARNING

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|---|---|
| (51) International classification | :A61B0006030000, A61B0006000000, G06T0011000000, G06T0007000000, A61B0005000000 |
| (86) International Application No Filing Date | :PCT// :01/01/1900 |
| (87) International Publication No | : NA |
| (61) Patent of Addition to Application Number Filing Date | :NA :NA |
| (62) Divisional to Application Number Filing Date | :NA :NA |

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(57) Abstract :
The detection and diagnosis of liver disease, such as cirrhosis, are now possible using a noninvasive, quantitative imaging approach. Computed tomography (CT) or another imaging modality may capture scan data from a patient and extract liver image data from the scan data. Image data may be used to generate random variables in a statistical model predictive of the liver's medical state and includes random variables indicative of at least one of the liver's forms or textures. The statistical model's output indicates that the liver is unfavorable.

No. of Pages : 17 No. of Claims : 5