

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111030344 A

(19) INDIA

(22) Date of filing of Application :06/07/2021

(43) Publication Date : 24/02/2023

(54) Title of the invention : DEVICE FOR MONITORING COMPRESSED MEDIAN NERVE

(51) International classification	:A61B0005000000, G08B0029180000, A61B0005110000, G08B0021020000, G08B0021040000	(71)Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
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(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(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	

(57) Abstract :

The present disclosure pertains to a device for monitoring compressed median nerve. The device includes a set of sensors, a processing unit and a communication module. The device is a wearable device. The set of sensors are configured to sense pressure on the median nerve around a pre-determined wrist area and correspondingly generate a set of signals. The processing unit is configured to extract one or more digital readings of the sensed nerve from the first set of signals, transmit a set of alert signals upon identification of the exceeded pressure limits from the compared one or more digital readings, where the set of alert signals are transmitted to one or more mobile computing devices through a communication module. The set of alert signals facilitate in alerting an entity for compressed median nerve and enables in monitoring numbness and weakness in wrist.

No. of Pages : 18 No. of Claims : 7