(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2024

(21) Application No.202411004470 A
(43) Publication Date : 02/02/2024

(54) Title of the invention : SMART BABY WALKER SYSTEM

(51) International classification :A47D0013040000, G08B0021020000, A61H0003040000, G01S0015870000, G08B0021040000
(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 :
ABSTRACT SMART BABY WALKER SYSTEM The present disclosure discloses a smart baby walker system (102), comprising an IoT-enabled baby walker device (104) designed to support a child's mobility, a plurality of sensors (106) integrated into said baby walker device, including gyro sensors to detect leg positioning, ultrasonic sensors to measure distances from safe zones, infrared proximity sensors to identify obstacles, and PIR motion detectors to monitor movement, a microcontroller (108) for processing data from said sensors and controlling the operation of said baby walker, a cloud-based computing module (110) for receiving and processing data from said microcontroller system and a user interface (112) accessible via various computing devices, enabling parents or caregivers to monitor and configure the baby walker system (102). FIG. 1

No. of Pages : 16 No. of Claims : 10