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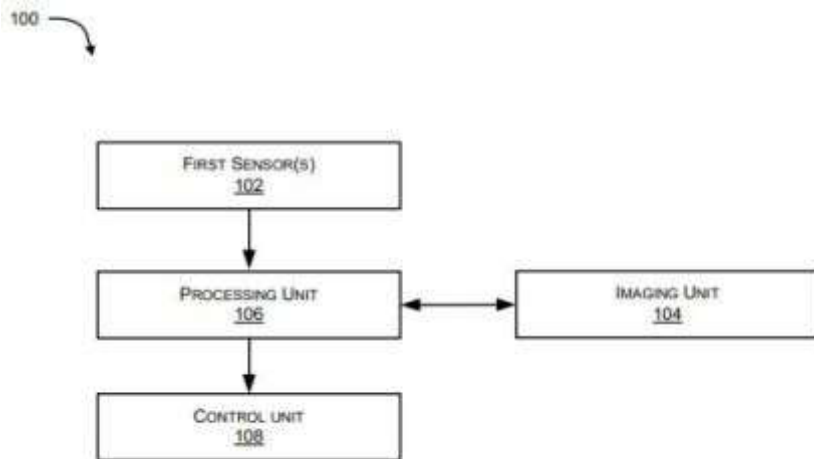
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(54) Title of the invention : SYSTEM TO CONTROL OPENING AND CLOSING OF DOOR

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(57) Abstract :

The present disclosure provides a system 100 to control opening and closing of a door 120. The proposed system 100 comprises sensors 102, an imaging unit 104, a processing unit 106, and a control unit 108. The sensors 102 sense objects within a pre-determined area from the door 120, correspondingly the imaging unit 104 captures images of the objects in the pre-determined area. The processing unit 106 determines physical attributes and trajectory of movement associated with the objects, and correspondingly determines a minimum opening space of the door required to allow passage of the objects. The processing unit 106 recognizes presence of a human subject among the objects, and correspondingly the control unit 108 facilitates movement of the door 120 between an open position and a closed position, for providing the determined minimum opening space.



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