

Title (en)

METHOD OF CONTROLLING A DOOR ARRANGEMENT, A SUCH DOOR ARRANGEMENT AND A SAFETY ARRANGEMENT THEREFOR

Title (de)

VERFAHREN ZUR STEUERUNG EINER TORANORDNUNG SOWIE DERARTIGE TORANORDNUNG UND EINE SICHERHEITSEINRICHTUNG HIERFÜR

Title (fr)

PROCÉDÉ DE COMMANDE POUR UNE PORTE, UNE TELLE PORTE ET UN DISPOSITIF DE SÉCURITÉ POUR CELA

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Application

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Abstract (en)

[origin: WO2016116178A1] The invention relates to a method for controlling a gate assembly (1), which has a safety device (5), which monitors a monitoring region at least on one side, which monitoring region lies in front of the gate opening and is offset from and parallel to the gate closing plane, and executes a disturbance routine if an object (6) is sensed in the monitoring region and thus there is a risk of a collision of the object (6) with a gate leaf (2). The method comprises the following steps: sensing the current position of the object (6), sensing the current position of a leading edge (23) of the gate leaf (2), sensing the direction of motion of the gate leaf (2), and initiating the disturbance routine depending on the current position of the object (6) and the leading edge (23) of the gate leaf (2) and depending on the direction of motion of the gate leaf (2). The invention further relates to a such a gate assembly (1) and to a safety device (5) therefor. As a result thereof, danger to persons and the risk of property damage can be further reduced with little design complexity.

IPC 8 full level

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