

Title (en)

SAFETY SYSTEM FOR PASSAGE CLOSURE MEMBERS

Title (de)

SICHERHEITSEINRICHTUNG FÜR EINEN ÖFFNUNGSVERSCHLUSS

Title (fr)

SYSTEME DE SECURITE POUR ELEMENTS DE FERMETURE DE PASSAGES

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9221845A1] A safety system for a passage closure member, such as a gate, door, window, sliding roof or the like, has a drive whose maximal admissible strain value is adjustable and a control device by means of which the drive can be switched off. When the drive is switched off because the maximal admissible strain value has been attained, a signal S2? at the moment in time T2? is transmitted to the control device. In the area of the pressing and/or closing edge of the closure member is arranged a sensor that transmits a signal S1? at the moment in time T1? when an obstacle occurs. The control device calculates, when the maximal admissible strain value is attained, the differential value between the moments in time $\$g(D) T_{real?} = T2? - T1?$. The control device compares the value $\$g(D) T_{real?}$ with a predetermined value $T_{predet.}$, and when $\$g(D) T_{real?}$ is higher than $\$g(D) T_{predet.}$, the direction of movement of the closure member is changed.

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