

Title (en)  
DEVICE FOR PROTECTING A DRIVEN MOVING ELEMENT

Title (de)  
VORRICHTUNG ZUR ABSICHERUNG EINES ANGETRIEBENEN BEWEGUNGSELEMENTS

Title (fr)  
DISPOSITIF POUR SÉCURISER UN ÉLÉMENT MOBILE ENTRAÎNÉ

Publication  
**EP 1841942 A1 20071010 (DE)**

Application  
**EP 06721178 A 20060125**

Priority  
• EP 2006000635 W 20060125  
• DE 102005003794 A 20050126

Abstract (en)  
[origin: DE102005003794A1] The device has safety and control circuits (10, 13), with which movement of a gate (1) is stopped and/or reversed depending on an obstacle. A light barrier detects the object and produces a measurement signal which not activates a safety mode. The circuits are designed based on a time difference which depends on the gate from the barrier to another light barrier. A third light barrier is guided through a gap between the former barriers in one measuring state if the gate is arranged in a path between two of the barriers and before the gate reaches the third barrier.

IPC 8 full level  
**E06B 9/68** (2006.01); **E05F 15/00** (2006.01); **E06B 9/82** (2006.01)

CPC (source: EP)  
**E05F 15/43** (2015.01); **E06B 9/88** (2013.01); **E05F 15/665** (2015.01); **E05F 2015/436** (2015.01); **E05Y 2600/45** (2013.01); **E05Y 2800/21** (2013.01); **E05Y 2800/242** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01); **E06B 2009/6836** (2013.01); **E06B 2009/6845** (2013.01)

Citation (search report)  
See references of WO 2006079515A1

Cited by  
EP2845985A1; EP2586959A1; EP3530869A1; EP2853677A1; US9057779B2; US8988213B2; US10844646B2; WO2020244710A1; EP3101452B1

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