



(12) **United States Patent**
De Coi et al.

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(54) **SAFETY APPARATUS FOR AN ELEVATOR**

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See application file for complete search history.

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(56) **References Cited**

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EP	0 905 901 A1	3/1999
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Related U.S. Application Data

OTHER PUBLICATIONS

(63) Continuation-in-part of application No. 13/675,303, filed on Nov. 13, 2012, now Pat. No. 9,309,090.

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(60) Provisional application No. 61/569,429, filed on Dec. 12, 2011.

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(30) **Foreign Application Priority Data**

(57) **ABSTRACT**

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A safety apparatus for elevator apparatuses which can move a cab via a drive including a monitoring unit for monitoring at least one of the drive and/or the motor regulation system of the drive, a safety device having at least two sensors, which can be switched between at least two switching states depending on a state, in particular a closing state. In order to be able to reduce operating costs, at least one of the safety device and the monitoring unit includes a controller, which is designed to identify the respective switching states of the sensors, and to transmit at least one of data and monitoring signals to the monitoring unit.

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(52) **U.S. Cl.**
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5 Claims, 3 Drawing Sheets

