

Title (en)
FUNCTION MONITORING FOR A SAFETY ELEMENT

Title (de)
FUNKTIONSÜBERWACHUNG EINES SICHERHEITSELEMENTES

Title (fr)
SURVEILLANCE DE FONCTIONNEMENT D'UN ÉLÉMENT DE SÉCURITÉ

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Abstract (en)
[origin: WO2013020934A1] The invention relates to a method for checking if at least one safety element (3) of a safety circuit of an elevator system is in working order, wherein a first processing unit (5) and a second processing unit (6) are used in the at least one safety element (3), wherein the at least one safety element (3) is connected to a control unit (1) by means of a communication network (2). According to the invention, at least one signal is provided by the first processing unit (5) on the basis of at least one message from the control unit (1). The at least one provided signal is detected by the second processing unit (6) connected to the first processing unit (5) and is transmitted to the control unit (1) by means of the communication network (2). The at least one transmitted signal is checked for validity by the control unit (1).

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Citation (opposition)
Opponent : **KONE Corporation**,
• WO 2010109748 A1 20100930 - MITSUBISHI ELECTRIC CORP [JP], et al
• US 2006157305 A1 20060720 - DEPLAZES ROMEO [CH], et al
• US 6178445 B1 20010123 - DAWKINS GEORGE JOHN [US], et al
• INTERNATIONAL STANDARD ISO 22201; LIFTS (ELEVATORS) - DESIGN AND DEVELOPMENT ... (PESSRAL));, 15 January 2009 (2009-01-15), XP055259849

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