

Title (en)
MONITORING DEVICE FOR AN ELEVATOR

Title (de)
ÜBERWACHUNGSEINRICHTUNG FÜR EINEN AUFZUG

Title (fr)
DISPOSITIF DE SURVEILLANCE POUR ASCENSEUR

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Application
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Abstract (en)
[origin: WO0212109A1] The invention relates to a monitoring device for an elevator comprising several switching devices (1), which can be actuated without contact and which are series-connected to one another to form a security chain (S). The switching device (1) comprises an inquiry unit (2) and a responding unit (3). The responding unit (3) reacts exclusively to a pattern (M) generated by the inquiry unit (2) when they are sufficiently close. A reliable and trouble-free monitoring is made possible thus ensuring a reliable operation of the elevator installation.

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Citation (opposition)
Opponent :
• WO 9845764 A1 19981015 - EUCHNER GMBH & CO [DE], et al
• US 3859624 A 19750107 - KRIOFISKY THOMAS A, et al
• DE 4032033 A1 19920416 - SIEMENS AG [DE]
• US 5682024 A 19971028 - KOOPMAN JR PHILIP J [US], et al

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WO 0212109 A1 20020214; AT E344778 T1 20061115; AU 2001279531 B2 20060907; AU 7953101 A 20020218; CA 2416902 A1 20030122; CA 2416902 C 20100323; CN 1232436 C 20051221; CN 1446175 A 20031001; CY 1105988 T1 20110406; DE 50111416 D1 20061221; DK 1307395 T3 20070212; EP 1307395 A1 20030507; EP 1307395 B1 20061108; EP 1307395 B2 20091118; ES 2276809 T3 20070701; ES 2276809 T5 20100419; IL 153936 A0 20030731; JP 2004505868 A 20040226; PT 1307395 E 20070228; US 2003111300 A1 20030619; US 6732839 B2 20040511

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