

Title (en)

Method of predetermining the time of maintenance of alarm detectors

Title (de)

Verfahren zur Vorausbestimmung des Wartungszeitpunktes von Gefahrenmeldern

Title (fr)

Procédé pour déterminer en avance le moment de la maintenance de détecteurs d'alarmes

Publication

EP 0501194 B1 19970730 (DE)

Application

EP 92101904 A 19920205

Priority

DE 4106025 A 19910226

Abstract (en)

[origin: EP0501194A1] A method for predetermining the probable period of time to a no longer permissible change in sensitivity, i.e. the operating life of alarm detectors. In an alarm detector system with quiescent value correction, the probable operating life (tF) of the detector is determined from its change in quiescent value (RWx - RWb) over a certain past period (tV=tx-tb) and its predetermined operating threshold (FS), which can also be a maintenance or disturbance threshold (WS or ST), by extrapolation: $tF = (tx - tb) \times FS - RWx \text{ DIVIDED } RWx - RWb$, where tx = particular actual time tb = reference time RWx = quiescent value at actual time RWb = quiescent value at reference time. <IMAGE>

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CPC (source: EP)

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DE102017200544A1; FR2829271A1; GB2537940A; GB2537940B; WO2005031268A3; WO0218962A1; US10204508B2

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