Title (en)
METHOD FOR ANALYZING THE SIGNALS OF A DANGER ALARM SYSTEM AND DANGER ALARM SYSTEM FOR IMPLEMENTING SAID METHOD

Title (de)
VERFAHREN ZUR ANALYSE DES SIGNALS EINES GEFAHRENMELDERS UND GEFAHRENMELDER ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)
PROCEDE D'ANALYSE DU SIGNAL D'UN AVERTISSEUR DE DANGER, ET AVERTISSEUR DE DANGER POUR LA MISE EN OEUVRE DE CE PROCEDE

Publication
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Application
EP 97939930 A 19970919

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• EP 96115952 A 19961004

Abstract (en)
[origin: EP0834845A1] The method involves a rapid wavelet transformation and fuzzy logic. The original signal is passed through a cascade of high/low pass filter pairs during wavelet transformation. The rapid wavelet transformation is combined with a fuzzy logic evaluation, whereby a corresp. function is generated from the resultant of the high pass filter for each filter stage. The corresp. function is used for the further analysis of the frequency signal using fuzzy logic rules.

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G08B 17/02; G06F 17/00

IPC 8 full level
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EP 96115952 A 19961004; AT 97939930 T 19970919; CH 9700354 W 19970919; CN 97191373 A 19970919; DE 59706608 T 19970919; EP 97939930 A 19970919; JP 51704198 A 19970919; KR 19980704157 A 19980603; PL 32707097 A 19970919; US 7710698 A 19980930