Title (en)

METHOD FOR PATTERN RECOGNITION IN A PLURALITY OF SIGNALS

Title (de)

VERFAHREN ZUR MUSTERERKENNUNG IN EINER VIELZAHL VON SIGNALEN

Title (fr)

PROCÉDÉ DE RECONNAISSANCE DE MOTIF DANS UNE PLURALITÉ DE SIGNAUX

Publication

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Application

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Abstract (en)

[origin: WO2018046868A1] The present invention relates to a method for pattern recognition in a plurality of received time signals of different types, the method comprising: /b/ for each received signal, creating (502) an asynchronous time signal (102, 103, 105, 106) comprising events; /c/ for each created asynchronous signal (102, 103, 105, 106), creating (503) an activity profile (S(p1), S(p2), S(p3), S(p4)) of said asynchronous signal which decreases as a function of the time elapsed since the last event (210, 212, 213, 214, 220, 221, 222) of said asynchronous signal; /d/ for a given time (t0): /d1/ determining (504) a context defined as the set of activity profiles of the created asynchronous signals, /d2/ determining (506) a standard context from among predetermined standard contexts (505, 401, 402, 403, 404), having a minimum distance to the context determined in step /d1/, / d3/ determining (508) the pattern (509) as a function of said determined standard context.

IPC 8 full level

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