

Title (en)
Quality determination in data acquisition

Title (de)
Qualitätsbestimmung bei der Datenerfassung

Title (fr)
Détermination de qualité d'acquisition de données

Publication
EP 2790165 A1 20141015 (EN)

Application
EP 13162865 A 20130409

Priority
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Abstract (en)
The present invention relates to a method, apparatus and a computer program product for quality determination in data acquisition. The present invention includes a signal processing apparatus and method for processing at least one detection signal, the apparatus comprising a receiver configured to receive the at least one detection signal from at least one sensor, a model generator configured to generate a model of signal sequences based on previously received detection signals while taking into consideration a topology of the sensors and/or environmental condition in the vicinity of the at least one sensor, comparing means configured to compare the at least one detection signal with the model of signal sequences generated by the model generator, and a prediction means configured to predict quality of the at least one detection signal based on a comparison of the at least one detection signal with the model generated by the model generator.

IPC 8 full level
G08G 1/07 (2006.01); **G08G 1/015** (2006.01); **G08G 1/042** (2006.01)

CPC
G08G 1/015 (2013.01); **G08G 1/042** (2013.01); **G08G 1/07** (2013.01)

Citation (applicant)
LAWRENCE R. RABINER: "A tutorial on Hidden Markov Models and selected applications in speech recognition", PROCEEDINGS OF THE IEEE, vol. 77, no. 2, February 1989 (1989-02-01), pages 257 - 286

Citation (search report)
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Designated contracting state (EPC)
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Designated extension state (EPC)
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DOCDB simple family
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