

Title (en)

METHOD AND SYSTEM FOR MERGING DATA OR INFORMATION

Title (de)

VERFAHREN UND SYSTEM ZUM ZUSAMMENFÜHREN VON DATEN ODER INFORMATIONEN

Title (fr)

PROCEDE ET SYSTEME POUR LA FUSION DE DONNEES OU D'INFORMATION

Publication

**EP 2370938 A2 20111005 (FR)**

Application

**EP 09796723 A 20091221**

Priority

- EP 2009067666 W 20091221
- FR 0807232 A 20081219

Abstract (en)

[origin: WO2010070142A2] Method for merging information of high semantic level representing complex situations composed of several objects originating from several sensors  $c_i$ , said information possibly being heterogeneous, said method comprising the following steps: acquiring the various information emanating from said sensors in raw form and transforming it so as to convert it into the form of conceptual graphs, a conceptual graph representing several concepts and the relationships which exist between them, and being composed of entity nodes and of relationship nodes, with  $E$  the set of concept nodes defined on a support  $S$ ,  $G_1$  and  $G_2$  two conceptual graphs defined on  $S$ , characterized in that the method determines a merging strategy denoted  $\text{strategymerge}$  as follows:  $\text{strategymerge} = \text{fmerge?fcomp:E xE?E?}\{E xE\}$  where  $\text{fmerge}:\{\text{true}, \text{false}\} xE xE?E?\{E xE\}$  is a function for merging the concept nodes of the graphs, and  $\text{fcomp}: E xE?\{\text{true}, \text{false}\}xE xE$  is a function for testing compatibility between two concept nodes of the graphs, and in that the method comprises a step in the course of which said merging strategy is applied to the various information taking the form of the graphs.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010070142A2

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