

Title (en)

DATA PROCESSING SYSTEM AND METHOD

Title (de)

DATENVERARBEITUNGSSYSTEM UND -VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE TRAITEMENT DE DONNÉES

Publication

EP 3747727 B1 20240626 (EN)

Application

EP 19811381 A 20190529

Priority

- CN 2019089017 W 20190529
- CN 201810571943 A 20180531

Abstract (en)

[origin: EP3747727A1] Provided in the present disclosure is a data processing system, used for collecting data of every station among a plurality of stations in a dispatcher area and implementing centralized processing of the collected data, the system comprising: a plurality of data collection units, each data collection unit being positioned at a corresponding station among the plurality of stations, and being used for collecting data associated with the corresponding station, each data collection unit being capable of establishing a communication link with a CTC device at the station in order to acquire data recorded by the CTC device; a data storage unit used to acquire the collected data from each of the data collection units among the plurality of data collection units, implement grouped storage of the collected data on the basis of an identifier of each data collection unit, and establish a category index for the collected data on the basis of the type of the collected data; and an interface unit used to receive a query request of a user terminal, implement data search on the basis of a query type and keywords to which the query request relates, and send query results acquired through data search to the user terminal.

IPC 8 full level

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