Title (en)
   PLANNING OF A WORKSHOP PROCEDURE

Title (de)
   PLANUNG EINES WERKSTATTVERFAHRENS

Title (fr)
   PLANIFICATION D'UNE PROCÉDURE EN ATELIER

Publication
   EP 2828806 A1 20150128 (EN)

Application
   EP 13716080 A 20130319

Priority
   • SE 1250271 A 20120320
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Abstract (en)
   [origin: WO2013141798A1] A planning entity, which schedules the work to be performed on a motor vehicle at a workshop visit, includes: an input
   interface (110), a processor (120) and an output interface (130). The input interface (110) receives an assignment description (AD) including at least
   one maintenance instance (MI1, MI2, ..., MIn) to be handled at the workshop visit. Then, based on the assignment description (AD), the processor
   (120) generates a work plan (WP) describing a temporal sequence of work operations to execute during the workshop visit. Each maintenance
   instance (MI1, MI2, ..., MIn) is associated with a set of cost parameters ($\{C1\}, \{C2\}, ..., \{Cn\}$) describing a character and an amount of work to
   be performed when handling the maintenance instance (MI1, MI2, ..., MIn). The processor (120) formulates an optimizing problem based on the
   maintenance instances (MI1, MI2, ..., MIn) included in the assignment description (AD) and the sets of cost parameters ($\{C1\}, \{C2\}, ..., \{Cn\}$)
   associated thereto; and solve the optimizing problem. Thus, the processor (120) derives the work plan (WP) in such a manner that the time required
   to complete all work operations in said temporal sequence is minimized. The output interface (130) presents the work plan (WP).

IPC 8 full level
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Citation (search report)
   See references of WO 2013141798A1

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