

Title (en)

Method for realising a universal route securing technique with industrially available SPS components

Title (de)

Verfahren zur Realisierung einer universellen Streckensicherungstechnik mittels industriell verfügbarer SPS-Komponenten

Title (fr)

Procédé de réalisation d'une technique de sécurisation de voies universelle à l'aide de composants SPS disponibles de manière industrielle

Publication

EP 2090492 B1 20181121 (DE)

Application

EP 09000741 A 20090121

Priority

DE 102008009746 A 20080218

Abstract (en)

[origin: EP2090492A2] The device has an adaptation circuit for creating an interface (5). Programmable logic controllers (SPS) (9, 10) and a shared railway control (1) center exchange information using a secure transmission technique in a normal manner. The programmable logic controllers transfer relevant relay connection of block groups and functions of a block logic of the railway control center to a side that is adapted to a new railway control center (13). A diagnose unit provides status- and diagnose information, which indicate all information conditions of the block groups.

IPC 8 full level

B61L 21/04 (2006.01)

CPC (source: EP)

B61L 21/04 (2013.01)

Cited by

EP2853465A1; CH701344A1; CN103350708A; AT515096A4; AT515096B1; EP3450281A1; US9783215B2; WO2010148528A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2090492 A2 20090819; EP 2090492 A3 20150415; EP 2090492 B1 20181121; DE 102008009746 A1 20090827; DK 2090492 T3 20190114; ES 2702613 T3 20190304; PT 2090492 T 20181228

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