Title (en)

RAILWAY SIGNALLING SYSTEM, METHOD AND INTERLOCKING

Title (de)

EISENBAHNSIGNALISIERUNGSSYSTEM, -METHODE UND STELLWERK

Title (fr)

SYSTEME DE SIGNALISATION FERROVIAIRE, METHODE ET POSTE D'AGUILLAGE

Publication

EP 1750988 A1 20070214 (EN)

Application

EP 05744829 A 20050517

Priority

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- GB 0411277 A 20040520

Abstract (en)

[origin: WO2005113315A1] An interlocking for a railway signalling system comprises a first interface for communication between the interlocking anal a central control and monitoring system, a plurality of local integrated circuit processor units, each local processor unit performing the logic operations associated with one or more specific line side equipment elements. Each processor unit performs the logic operations associated with at most one of a signal, a set of points and a fixed crossing. A second interface is provided between the integrated circuit processor units and the line side equipment elements. The invention provides an integrated circuit implementation of the logic associated with individual line side equipment units. Thus, the advantages of geographical relay based interlockings can be obtained, of ease of design and installation. The invention enables direct replacement of electro-mechanical relay based geographical systems with solid state electronics, in a modular piecewise manner.

IPC 8 full level

B61L 19/06 (2006.01)

CPC (source: EP GB)

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Citation (search report)

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