Title (en)
VITAL SOLID STATE CONTROLLER

Title (de)
VITALE FESTKÖRPERSTEUERUNG

Title (fr)
DISPOSITIF DE COMMANDE D'ÉTAT SOLIDE VITAL

Publication
EP 2125482 A4 20110119 (EN)

Application
EP 07866027 A 20071226

Priority
• US 2007088849 W 20071226
• US 87160906 P 20061222
• US 88493007 P 20070115

Abstract (en)
[origin: WO2008080169A1] A vital programmable logic device (VPD) is provided having at least two microprocessors. The VPD is configured to provide failsafe operation of a vital control system while operating in a closed circuit environment. In at least one embodiment of the present invention, railroad grade crossing signals are controlled by the VPD.

IPC 8 full level
B61L 13/00 (2006.01)

CPC (source: EP)
B61L 27/30 (2022.01)

Citation (search report)
• [X] DE 19532640 A1 19970227 - SIEMENS AG [DE]
• [X] DE 102004035901 A1 20060316 - SIEMENS AG [DE]
• [X] US 6457682 B2 20021001 - ANDERSON KURT [US], et al
• [XP] DE 202005020802 U1 20070315 - ABB AS [NO]
• See references of WO 2008080169A1

Cited by
WO2019081326A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008080169 A1 20080703; AT E549228 T1 20120315; CA 2710038 A1 20080703; CA 2710038 C 20151110; CA 2710041 A1 20090703; CA 2710041 C 20160607; EP 2125482 A1 20091202; EP 2125482 A4 20110119; EP 2125482 B1 20140514; EP 2125483 A2 20091202; EP 2125483 A4 20110112; EP 2125483 B1 20120314

DOCDB simple family (application)
US 2007088849 W 20071226; AT 08727699 T 20080115; CA 2710038 A 20071226; CA 2710041 A 20080115; EP 07866027 A 20071226; EP 08727699 A 20080115