

Title (en)
Installation for protecting track workers

Title (de)
Vorrichtung zum Schutz von Gleisararbeitern

Title (fr)
Installation de protection des travailleurs en voie

Publication
EP 1674370 A1 20060628 (FR)

Application
EP 05292630 A 20051209

Priority
FR 0413675 A 20041221

Abstract (en)
The installation has a control terminal (32) to control security level of an intervention zone, by acting on a centralized automaton (30). A unit (34) managing access to the automaton, is connected to the terminal by a communication interface (36) and a wireless communication unit (38A). The unit (34) assures control of the automaton based on controls from the terminal, only after receiving a confirmation control from the terminal.

IPC 8 full level
B61L 23/06 (2006.01)

CPC (source: EP)
B61L 23/06 (2013.01)

Citation (search report)
• [XA] EP 1308366 A1 20030507 - CIT ALCATEL [FR]
• [XA] EP 0286627 A2 19881012 - ALCATEL AUSTRIA AG [AT]
• [A] EP 0694463 A1 19960131 - STEIN GMBH [DE]
• [PX] WO 2005047074 A1 20050526 - HOLLAND RAILCONSULT B V [NL], et al
• [A] DURINA E ET AL: "AUTOMATISCHES ROTTENWARNSYSTEM FUER DIE NEUBAUSTRECKEN DER DEUTSCHEN BUNDESBAHN", SIGNAL + DRAHT, TELZLAFF VERLAG GMBH. DARMSTADT, DE, vol. 82, no. 1 / 2, January 1990 (1990-01-01), pages 20 - 26, XP000244316, ISSN: 0037-4997

Cited by
CN102320315A; FR3052732A1; EP2821312A1; NL1040280C2; EP2990296A1; NL2013825B1; WO2013079908A1

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NO 20056102 L 20060622; NO 331728 B1 20120312

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