

Title (en)

Electrical circuit for transmitting the status information, particularly for railway material, and system incorporating such a circuit

Title (de)

Elektrische Schaltungsanordnung zur Meldung von Zustandsinformationen, insbesondere für Eisenbahnmaterial, und System mit einer solchen Einrichtung

Title (fr)

Circuit électrique pour la transmission d'une information d'état, notamment d'un organe de matériel ferroviaire roulant et système électrique incorporant un tel circuit

Publication

**EP 1209709 B1 20070131 (FR)**

Application

**EP 01402860 A 20011107**

Priority

FR 0015221 A 20001124

Abstract (en)

[origin: EP1209709A1] The equipment state transmission system has a battery (3) and an electrically isolated connection (7) between the electrical circuit and an output (S). A variable voltage (1) adjusts the current in the switch (5) as a function of the voltage generator voltage. There is a self inductive filter (6) in series with the switch and a capacitor (13) which stores and releases part of the energy following the variable voltage generator.

IPC 8 full level

**B61D 37/00** (2006.01); **H01H 9/16** (2006.01); **H01H 1/60** (2006.01); **H03K 17/78** (2006.01)

CPC (source: EP US)

**H01H 1/605** (2013.01 - EP US); **H01H 9/167** (2013.01 - EP US)

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**EP 1209709 A1 20020529**; **EP 1209709 B1 20070131**; AT E353161 T1 20070215; CA 2363200 A1 20020524; CA 2363200 C 20080916; DE 60126393 D1 20070322; DE 60126393 T2 20071025; DK 1209709 T3 20070604; ES 2283384 T3 20071101; FR 2817380 A1 20020531; FR 2817380 B1 20030103; HK 1048700 A1 20030411; JP 2002246888 A 20020830; JP 3809094 B2 20060816; US 2002094703 A1 20020718; US 6646362 B2 20031111

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