Title (en)
METHOD FOR THE SURVEILLANCE OF THE STATE OF RAILWAY SWITCHES

Publication
EP 0514365 A3 19931124 (DE)

Application
EP 92890106 A 19920508

Priority
AT 95791 A 19910508

Abstract (en)
[origin: US5253830A] In a method for monitoring the condition of rail switch points and for detection of premature abrasive wear-and-tear in the region of the tongue switching rail (3) of the points, the signals from at least one proximity sensor (2) in the region of the tongue switching rail (3) of the points are evaluated when the tongue switching rail is travelled upon, and the smallest measured value of the separation distance (l) during the travel is stored in memory. The smallest measured value stored in memory and at least a first limiting value for the smallest separation distance are compared with one another and, when the smallest measured value in memory exceeds this first limiting value, a warning signal is generated.

IPC 1-7
B61L 5/10

IPC 8 full level
B61L 5/10 (2006.01)

CPC (source: EP US)
B61L 5/107 (2013.01 - EP US)

Citation (search report)
- [Y] AT 358625 B 19800925 - SIEMENS AG
- [Y] FR 2365780 A1 19780421 - SEMT [FR]
- [A] GB 1148064 A 19690410 - ENGLISH ELECTRIC CO LTD [GB]
- [A] DE 3608572 A1 19870917 - KRUPP GMBH [DE]

Cited by
FR2745543A1; US6164600A; EP2332803A3; EP0957020A1; EP3024711A4; US10370013B2; US7395139B2; EP2332803A2

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL PT SE

DOCDB simple family (publication)
EP 0514365 A2 19921119; **EP 0514365 A3 19931124**; **EP 0514365 B1 19950816**; AT 399851 B 19950825; AT A95791 A 19941215; AT E126487 T1 19950915; AU 1313992 A 19921112; AU 646935 B2 19940310; CA 2068156 A1 19921109; CA 2068156 C 19970930; DE 59203262 D1 19950921; DK 0514365 T3 19960102; EE 02977 B1 19970415; ES 2078022 T3 19951201; FI 104479 B 20000215; FI 922077 A0 19920507; FI 922077 A 19921109; GR 3017705 T3 19960131; JP 2620018 B2 19970611; JP H05294240 A 19931109; NO 306102 B1 19990920; NO 921202 D0 19920327; NO 921202 L 19921109; RU 2085426 C1 19970727; US 5253830 A 19931019

DOCDB simple family (application)
EP 92890106 A 19920508; AT 92890106 T 19920508; AT 95791 A 19910508; AU 1313992 A 19920324; CA 2068156 A 19920507; DE 59203262 T 19920508; DK 92890106 T 19920508; EE 9400218 A 19941122; ES 92890106 T 19920508; FI 922077 A 19920507; GR 950402814 T 19951011; JP 11493892 A 19920507; NO 921202 A 19920327; SU 5011469 A 19920507; US 88042092 A 19920508