Title (en)

Device for detecting the condition of rail switches or crossings.

Title (de)

Einrichtung zum Erfassen des Zustandes von Schienenweichen oder Kreuzungen.

Title (fr)

Dispositif de détection de l'état des aiguilles ou des croisements des voies ferrées.

Publication

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Application

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Priority

- AT 139588 A 19880527
- AT 270888 A 19881103

Abstract (en)

[origin: EP0344145A1] The device according to the invention for detecting the condition of rail switches or crossings with sensors for monitoring the end position of the tongue rails (2), has in the region of the theoretical point of crossing (17) of a common crossing (8) a sensor (18) which in the event of a mechanical collision with the wheel flange or wheel contact surface emits a signal which enables a decision to be made with respect to premature wear in the region of the common crossing. <IMAGE>

IPC 1-7

B61L 1/04; B61K 9/08

IPC 8 full level

E01B 35/00 (2006.01); **B61K 9/08** (2006.01); **B61L 1/06** (2006.01); **B61L 5/10** (2006.01); **B61L 23/04** (2006.01); **G01N 3/56** (2006.01)

CPC (source: EP US)

B61L 1/06 (2013.01 - EP US); **B61L 23/045** (2013.01 - EP US)

Cited by

FR2745543A1; AT407982B; DE102004014282C5; DE102008008578B3; AT399696B; EP0575308A1; US5374016A; AT399483B; CN103129584A; SE2000101A1; SE545220C2; US7575201B2; LT3021B; US9284692B2; WO2007021537A1; WO2006120258A1; JP2009504501A

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