

Title (en)

Method for improved recognition of conduit-type objects

Title (de)

Verfahren zur verbesserten Erkennung von leitungsartigen Objekten

Title (fr)

Procédé de détection améliorée d'objets de type conduite

Publication

EP 2251849 B1 20161012 (DE)

Application

EP 10002260 A 20100305

Priority

DE 102009020636 A 20090509

Abstract (en)

[origin: EP2251849A2] The method involves projecting a potential line measurement points in a horizontal plane. The points are identified by a polynomial phase transformation and subsequent spectral analysis of line patterns. Other potential line measurement points are projected in a predetermined distance from a detected line in a vertical plane to a horizontal plane.

IPC 8 full level

G08G 5/00 (2006.01)

CPC (source: EP)

G08G 5/0086 (2013.01)

Citation (examination)

ABED-MERAIM K ET AL: "Multi-line fitting using polynomial phase transforms and downsampling", 2001 IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING. PROCEEDINGS. (ICASSP). SALT LAKE CITY, UT, MAY 7 - 11, 2001; [IEEE INTERNATIONAL CONFERENCE ON ACOUSTICS, SPEECH, AND SIGNAL PROCESSING (ICASSP)], NEW YORK, NY : IEEE, US, vol. 3, 7 May 2001 (2001-05-07), pages 1701 - 1704, XP010802866, ISBN: 978-0-7803-7041-8, DOI: 10.1109/ICASSP.2001.941266

Cited by

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DOCDB simple family (publication)

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DOCDB simple family (application)

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