

Title (en)

METHODS AND SYSTEMS FOR DETECTING, SETTING, MONITORING, DETERMINING, STORING AND COMPENSATING THE SPATIAL SITUATION OF A MOBILE UNIT

Title (de)

VERFAHREN UND SYSTEME ZUR ERKENNUNG, EINSTELLUNG, ÜBERWACHUNG, FESTLEGUNG, SPEICHERUNG UND KOMPENSATION DER RÄUMLICHEN SITUATION EINER MOBILEN EINHEIT

Title (fr)

PROCÉDÉS ET SYSTÈMES DE DÉTECTION, DE RÉGLAGE, DE SURVEILLANCE, DE DÉTERMINATION, DE STOCKAGE ET DE COMPENSATION DE LA SITUATION SPATIALE D'UNE UNITÉ MOBILE

Publication

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Application

**EP 11745504 A 20110713**

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Abstract (en)

[origin: WO2012007527A2] A method and system for setting the spatial situation of a mobile unit is provided. The mobile unit is moving with respect to a movement surface by means of at least one air pad (5, 6) and/or a motorized support structure, and the system (1A, 1B) comprises means (8, 9, 10) for setting an air feeding parameter of at least one such air pad (5, 6) or at least on position parameter for a motorized support structure, when the mobile unit (2) holds a position for which a spatial situation error is detected with respect to a predefined reference spatial situation.

IPC 8 full level

**G05B 19/19** (2006.01); **G03F 7/00** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2012007527A2

Citation (examination)

- US 4496239 A 19850129 - ISOHATA JUNJI [JP], et al
- EP 1635382 A1 20060315 - NIKON CORP [JP]
- US 5121256 A 19920609 - CORLE TIMOTHY R [US], et al
- A. SHIMOKOHE ET AL: "A high precision straight-motion system", PRECISION ENGINEERING, vol. 8, no. 3, 1 July 1986 (1986-07-01), pages 151 - 156, XP055021598, ISSN: 0141-6359, DOI: 10.1016/0141-6359(86)90033-4

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