

Title (en)

SENSOR UNIT AND METHOD FOR CALIBRATION THEREOF

Title (de)

VERFAHREN ZUR KALIBRIERUNG EINER SENSORANORDNUNG UND SENSORANORDNUNG

Title (fr)

PROCÉDÉ DE CALIBRAGE D'UN DISPOSITIF DE DÉTECTION ET DISPOSITIF DE DÉTECTION

Publication

EP 2193334 A1 20100609 (DE)

Application

EP 08804729 A 20080925

Priority

- EP 2008062832 W 20080925
- DE 102007046287 A 20070927

Abstract (en)

[origin: WO2009043789A1] Different sensors such as laser scanners (32) and video cameras (35) are first mounted securely onto a common substrate (30) and calibrated to each other. This considerably simplifies subsequent calibration of the resultant multi-sensor system (11) at the employment site. The incorporation of a video camera which is precalibrated in this manner, makes possible the automatic, computerized extraction of the location of the tracks from the video picture of the video camera when using a loading crane system (10). Thus, the need for manually positioned calibration elements is eliminated. This reduces faults in ongoing operation during activation of the multi-sensor system.

IPC 8 full level

G01C 15/00 (2006.01); **B65G 63/00** (2006.01); **B66C 19/00** (2006.01); **G01S 17/86** (2020.01); **G01S 17/87** (2020.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2009043789A1

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