

Title (en)

METHOD AND DEVICE FOR DATA EXCHANGE AND PROCESSING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSTAUSCH UND ZUR VERARBEITUNG VON DATEN

Title (fr)

PROCEDE ET DISPOSITIF D'ECHANGE ET DE TRAITEMENT DE DONNEES

Publication

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Application

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Abstract (en)

[origin: WO03008995A1] The invention relates to a method and device for the exchanging and common processing of object data between sensors (100, 200, 300) and a processing unit (400). According to the invention, positional information and/or speed information and/or further object attributes (dimension, identification, marks) of sensor objects (110, 120, 210, 220) and fusion objects (410, 420, 430) are transmitted and processed.

IPC 1-7

G01S 13/87; **G08G 1/16**

IPC 8 full level

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Citation (search report)

See references of WO 03008995A1

Citation (examination)

- HALL L D ET AL: "AN INTRODUCTION TO MULTISENSOR DATA FUSION", PROCEEDINGS OF THE IEEE, IEEE. NEW YORK, US, vol. 85, no. 1, 1 January 1997 (1997-01-01), pages 6 - 23, XP000686448, ISSN: 0018-9219, DOI: DOI:10.1109/5.554205
- DANA M P: "REGISTRATION: A PREREQUISITE FOR MULTIPLE SENSOR TRACKING", MULTITARGET-MULTISENSOR TRACKING: ADVANCED APPLICATIONS, XX, XX, 1 January 1990 (1990-01-01), pages 155 - 185, XP009015150

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