

Title (en)

LOW-COST, HIGH-PERFORMANCE RADAR NETWORKS

Title (de)

KOSTENGÜNSTIGE HOCHLEISTUNGS-RADAR-NETZWERKE

Title (fr)

RESEAUX DE RADARS A FAIBLE COUT ET A HAUTE PERFORMANCE

Publication

**EP 1875266 A4 20111116 (EN)**

Application

**EP 05735647 A 20050420**

Priority

CA 2005000600 W 20050420

Abstract (en)

[origin: WO2006110973A1] A real-time radar surveillance system comprises at least one land-based non-coherent radar sensor apparatus adapted for detecting maneuvering targets and targets of small or low radar cross-section. The radar sensor apparatus includes a marine radar device, a digitizer connected to the marine radar device for receiving therefrom samples of radar video echo signals, and computer programmed to implement a software-configurable radar processor generating target data including detection data and track data, the computer being connectable to a computer network including a database. The processor is figured to transmit at least a portion of the target data over the network to the database, the database being accessible via the network by at least one user application that receives target data from the database, the user application providing a user interface for at least one user of the system.

IPC 8 full level

**G01S 7/02** (2006.01); **G01S 7/00** (2006.01); **G01S 7/22** (2006.01); **G01S 13/72** (2006.01); **G01S 13/87** (2006.01); **G01S 13/88** (2006.01); **G01S 13/93** (2006.01)

CPC (source: EP GB)

**G01S 7/003** (2013.01 - EP GB); **G01S 7/22** (2013.01 - EP); **G01S 13/726** (2013.01 - EP GB); **G01S 13/87** (2013.01 - EP)

Citation (search report)

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- [A] US 4527151 A 19850702 - BYRNE GEORGE C [US]
- [A] WO 0152218 A1 20010719 - SOLIPSYS CORP [US], et al
- [A] US 4347618 A 19820831 - KAVOURAS STEPHEN P, et al
- [Y] WEBER P ET AL: "Low-cost radar surveillance of inland waterways for homeland security applications", 26 April 2004, RADAR CONFERENCE, 2004. PROCEEDINGS OF THE IEEE PHILADELPHIA, PA, USA APRIL 26-29, 2004, PISCATAWAY, NJ, USA,IEEE, PAGE(S) 134 - 139, ISBN: 978-0-7803-8234-3, XP010711545
- See also references of WO 2006110973A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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