

Title (en)  
LOCATING AND TRACKING SYSTEM

Title (de)  
LOKALISIERUNG- UND VERFOLGUNGSSYSTEM

Title (fr)  
SYSTÈME DE LOCALISATION ET DE SUIVI

Publication  
**EP 2646845 A1 20131009 (EN)**

Application  
**EP 11773572 A 20111017**

Priority  
• NL 2005784 A 20101130  
• NL 2011050708 W 20111017

Abstract (en)  
[origin: WO2012074379A1] System for locating an identification unit (5), with a processor unit (1), and a plurality of base stations (2) which together form network connections (3). Each of the plurality of base stations (2) are connected to an associated antenna system (4) and include a received signal strength indication measurement unit (8) for determining a received signal strength indication parameter of a signal transmitted by the identification unit (5). The processor unit (1) is arranged to determine a three dimensional position of an identification unit (5) in a space by processing measurement data and reference data using pattern recognition techniques. The measurement data comprising the RSSI parameter from one of the base stations (2) positioned in the space (7) associated with the signal transmitted by the identification unit (5) and reception data related to the signal from the same identification unit (5) received from another one of the base stations (2).

IPC 8 full level  
**G01S 5/02** (2010.01); **G01S 13/76** (2006.01)

CPC (source: EP US)  
**G01S 5/02521** (2020.05 - EP US); **G01S 13/76** (2013.01 - EP); **G01S 2205/002** (2013.01 - EP)

Citation (search report)  
See references of WO 2012074379A1

Cited by  
CN109764802A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2012074379 A1 20120607**; EP 2646845 A1 20131009; NL 2005784 C2 20120531

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