

Title (en)
MOVING-ENTITY DETECTION

Title (de)
ERKENNUNG BEWEGLICHER OBJEKTE

Title (fr)
DETECTION D'UNE ENTITE EN MOUVEMENT

Publication
EP 2255218 A4 20120307 (EN)

Application
EP 09747027 A 20090224

Priority
• US 2009035009 W 20090224
• US 3111308 P 20080225

Abstract (en)
[origin: WO2009139940A1] A system and method for detecting entities based on movement can involve transmission circuitry configured to enable transmission of a stepped-frequency radar signal, an antenna, and receiving circuitry configured to generate data including information associated with frequency and phase shifts between the transmitted signal and the reflections of the transmitted signal. The system also can involve a processor configured to analyze the generated data to determine information associated with a moving object located at a side of a wall different than a side of the wall of which the system is located. The analyzing can involve compensating for the effect of motion of the system on the phase shifts between the transmitted signal and the reflections of the transmitted signal.

IPC 8 full level
G01S 13/00 (2006.01)

CPC (source: EP US)
G01S 7/02 (2013.01 - EP); **G01S 7/415** (2013.01 - EP); **G01S 13/888** (2013.01 - EP US); **G01S 13/9029** (2013.01 - EP); **H01Q 9/27** (2013.01 - EP)

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CN109828249A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2009139940 A1 20091119; AU 2009246791 A1 20091119; AU 2009246792 A1 20091119; CA 2715902 A1 20091119; CA 2716001 A1 20091119; EP 2255218 A1 20101201; EP 2255218 A4 20120307; EP 2257831 A1 20101208; EP 2257831 A4 20120523; EP 2257831 B1 20161116; WO 2009139941 A1 20091119

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US 2009035007 W 20090224; AU 2009246791 A 20090224; AU 2009246792 A 20090224; CA 2715902 A 20090224; CA 2716001 A 20090224; EP 09747026 A 20090224; EP 09747027 A 20090224; US 2009035009 W 20090224