

Title (en)  
SURVIVOR LOCATING METHOD AND APPARATUS USING SEARCH AND RESCUE BEACON EQUIPPED WITH NAVIGATION CHIPSET

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR LOKALISIERUNG VON ÜBERLEBENDEN BEI VERWENDUNG EINER SUCH -UND  
RETTUNGSBACKE MIT EINEM NAVIGATIONSSCHIPSATZ

Title (fr)  
PROCÉDÉ ET APPAREIL DE LOCALISATION DE SURVIVANT ET APPAREIL UTILISANT UNE BALISE DE SECOURS ET DE RECHERCHE  
ÉQUIPÉE D'UN JEU DE PUCES DE NAVIGATION

Publication  
**EP 2208084 A1 20100721 (EN)**

Application  
**EP 08753452 A 20080513**

Priority  
• KR 2008002656 W 20080513  
• KR 20070091565 A 20070910

Abstract (en)  
[origin: WO2009035201A1] Provided is a method and apparatus for locating a survivor. The method includes the steps of: receiving a rescue signal from the search and rescue beacon through a search and rescue satellite; extracting distance information from the search and rescue beacon to a navigation satellite measured by the navigation chipset and information on the navigation satellite from the rescue signal; receiving distance information from the search and rescue satellite to the search and rescue beacon measured by the search and rescue satellite; determining the location of the search and rescue beacon by unifying the distance information and the navigation satellite information when the number of available navigation satellites are less than 4.

IPC 8 full level  
**G01S 5/14** (2006.01); **G01S 19/17** (2010.01); **G01S 19/42** (2010.01); **G01S 19/46** (2010.01); **G01S 19/48** (2010.01); **G01S 1/68** (2006.01); **G01S 5/00** (2006.01)

CPC (source: EP KR US)  
**G01S 19/01** (2013.01 - KR); **G01S 19/17** (2013.01 - EP); **G01S 19/42** (2013.01 - EP); **G01S 19/46** (2013.01 - EP); **G01S 19/48** (2013.01 - EP KR US); **G01S 1/68** (2013.01 - EP); **G01S 5/0036** (2013.01 - EP)

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US10154401B2

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

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**WO 2009035201 A1 20090319**; AU 2008297766 A1 20090319; AU 2008297766 B2 20120524; CN 101855567 A 20101006; CN 101855567 B 20130508; EP 2208084 A1 20100721; EP 2208084 A4 20111130; KR 100902333 B1 20090612; KR 20090026521 A 20090313

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