

Title (en)
Location and navigation system for mobile radio stations.

Title (de)
Ortungs- und Navigationssystem für mobile Funkstationen.

Title (fr)
Système de localisation et de navigation pour stations radio-mobiles.

Publication
EP 0367935 A2 19900516 (DE)

Application
EP 89116287 A 19890904

Priority
DE 3837633 A 19881105

Abstract (en)
The invention is based on the object of developing a known location and navigation system for motor vehicles in such a manner that the vehicle driver is released from looking for the map sections. The object is achieved by virtue of the fact that in the mobile radio stations (M1, M2) location information corresponding to the approximate location of the mobile radio stations from the information exchanged between the mobile radio stations and the stationary radio stations (F1, F2), by means of which location information the map section relevant in each case is automatically selected. The drawing shows a block diagram of a cellular radio telephone network with stationary radio stations (F1, F2) and mobile radio stations (M1, M2).
<IMAGE>

Abstract (de)
Ortungs- und Navigationssystem für Kraftfahrzeuge in dem aus zwischen den mobilen Funkstationen (M1, M2) und den ortsfesten Funkstationen (F1, F2) ausgetauschten Informationen dem ungefähren Aufenthaltsort der mobilen Funkstationen entsprechende Standortinformationen gebildet werden, mit denen der jeweils relevante Landkartenausschnitt automatisch ausgewählt wird.

IPC 1-7
G01S 5/00; H04B 7/26; H04Q 7/04

IPC 8 full level
G01S 5/00 (2006.01); **G08G 1/137** (2006.01); **H04B 7/26** (2006.01); **H04Q 7/38** (2006.01)

CPC (source: EP)
G08G 1/137 (2013.01)

Cited by
DE19524927A1; US5678196A; US5539810A; EP0541314A3; US5465088A; EP0570223A1; GB2298766A; GB2298766B; US5724243A; US5987377A; US5983108A; EP0459236A1; US5257405A; US5722083A; US5913170A; US5454027A; EP0335558A3; US5299132A; US5398190A; US5513111A; US5519621A; EP0744727A3; US5652707A; US5832394A; US5884221A; US6148202A; EP0501058A3; WO9619786A1; WO9318495A1; US6748226B1; US9633486B2; US10127556B2; US10157384B2; US10885528B2; US10891623B2; US11074589B2; US11216819B1; US11386431B1; US11587091B1; US11836734B1

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0367935 A2 19900516; EP 0367935 A3 19911127; EP 0367935 B1 19960117; AT E133310 T1 19960215; DE 3837633 A1 19900510; DE 58909574 D1 19960229; ES 2081821 T3 19960316

DOCDB simple family (application)
EP 89116287 A 19890904; AT 89116287 T 19890904; DE 3837633 A 19881105; DE 58909574 T 19890904; ES 89116287 T 19890904