

Title (en)
SELF-LOCATING REMOTE MONITORING SYSTEMS

Title (de)
SELBSTPOSITIONIERENDES FERNÜBERWACHUNGSSYSTEM

Title (fr)
SYSTEME DE SURVEILLANCE A DISTANCE AVEC LOCALISATION AUTOMATIQUE

Publication
EP 0857341 A4 19990407 (EN)

Application
EP 96938706 A 19961028

Priority
• US 9617473 W 19961028
• US 9513823 W 19951026

Abstract (en)
[origin: WO9726634A1] The system (750) includes a supervising base station (754) and remote monitoring unit(s) (752) including a navigational receiver (756) providing a remote unit location (759) and a transmitter (758) for communicating the location (759) to the base station (754) for display (772). The remote unit (752) includes sensor(s) (760) monitoring the remote location. A change in sensor status (761) results in the status and the location being transmitted to the base station (754), which includes alarms (776) and displays (772) responsive to the change in status. Various embodiments define a man-over-board system, an invisible fence system, and a weather surveillance system.

IPC 1-7
G08B 21/00; **G08B 25/10**

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
• [X] US 5461365 A 19951024 - SCHLAGER DAN [US], et al & WO 9613819 A1 19960509 - SCHLAGER DAN [US], et al
• [Y] US 5408238 A 19950418 - SMITH TERRY J [US]
• [Y] US 5422816 A 19950606 - SPRAGUE DAVID S [US], et al
• [Y] EP 0545636 A1 19930609 - NAVSYS CORP [US]
• [Y] US 5420592 A 19950530 - JOHNSON RUSSELL K [US]
• [Y] US 5418537 A 19950523 - BIRD DAVID G [US]
• [Y] US 4918425 A 19900417 - GREENBERG M BARRY [US], et al
• [Y] WO 9304425 A1 19930304 - UNIVERSAL PHOTONICS INC [US]
• [A] US 5461390 A 19951024 - HOSHEN JOSEPH [US]
• [A] US 5043736 A 19910827 - DARNELL RALPH D [US], et al
• [A] US 4593273 A 19860603 - NARCISSE BERNADINE O [US]
• [A] US 5367306 A 19941122 - HOLLON BLAKE D [US], et al

Cited by
US10699547B2; US10771948B2; US11238719B2

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