

Title (en)
A LOCATION MONITORING SYSTEM

Publication
EP 0110945 B1 19870114 (EN)

Application
EP 83901813 A 19830607

Priority
DK 255382 A 19820607

Abstract (en)
[origin: GB2132398A] In a location monitoring system for monitoring the location of a plurality of mobile units operating on preestablished routes from a centrally located control station, and where each mobile unit (14) communicates partly with a base station (10), partly with signposts (15, 16) located in specific positions along the known routes, from which the mobile units (14) receive position-specific information during passage, the transmitters (12, 15) in both the base station (10) and in each individual signpost (15, 16) are arranged to have the same operating frequency (F1). This saves an extra receiver in each of the mobile units (14) while minimizing the need for transmission channels. Moreover, the antenna (16) of the signpost has been given a signal emission in a narrow range around it and with such signal strength that the message acceptance to the signals of a signpost (15, 16) during the passage thereof is reasonably good (50%), and at the same time the probability that a message from the base station (10) is not received is very low (=0.1).

IPC 1-7
G08G 1/12

IPC 8 full level
G08G 1/127 (2006.01)

CPC (source: EP)
G08G 1/127 (2013.01)

Citation (examination)
US 2644883 A 19530707 - SCHOENHERR LEONARD W

Cited by
CN104850942A

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FR

DOCDB simple family (publication)
GB 2132398 A 19840704; GB 2132398 B 19860806; GB 8402638 D0 19840307; DE 3390030 C2 19910207; DE 3390030 T1 19840628; DK 154588 B 19881128; DK 154588 C 19890424; DK 255382 A 19840202; EP 0110945 A1 19840620; EP 0110945 B1 19870114; SE 456287 B 19880919; SE 8400632 D0 19840207; SE 8400632 L 19840207; WO 8304451 A1 19831222

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