

Title (en)
Radio communication system.

Title (de)
Funkverbindungssystem.

Title (fr)
Système de communication par radio.

Publication
EP 0084967 A2 19830803 (EN)

Application
EP 83300320 A 19830121

Priority
GB 8202357 A 19820127

Abstract (en)
A frequency-hopping radio communication system in which a network of stations operate on the same sequence of frequencies, in synchronism, controlled by pseudo-random generators which are initially synchronised. Each station has means for modifying its p.r. sequence dependent only upon the instant in the main line sequence at which the modification is switched. In order to communicate, one station transmits, on the current main-line frequency sequence, the address of the desired other station and then signals the sequence switch. At this instant both transmitting and receiving stations switch to a modified frequency sequence and are thus isolated from the remaining stations. At the end of the message a signal from the transmitting to the receiving station causes both stations to revert to the main line sequence.

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H04K 1/00; **H04B 7/26**

IPC 8 full level
H04K 3/00 (2006.01); **H04B 7/26** (2006.01); **H04K 1/00** (2006.01)

CPC (source: EP)
H04K 1/003 (2013.01)

Cited by
US5533046A; EP1002375A1; EP0741464A3; EP0247790A3; EP0691775A3; EP0711057A3; US5561686A; EP0667695A4; EP0476129A4; USRE34831E; WO9909668A1; WO0197588A3; WO9966653A1

Designated contracting state (EPC)
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EP 0084967 A2 19830803; **EP 0084967 A3 19830810**; **EP 0084967 B1 19850612**; AT E13789 T1 19850615; AU 1062383 A 19830804; AU 553652 B2 19860724; DE 3360246 D1 19850718; GB 2114402 A 19830817; GB 2114402 B 19850605; IN 159180 B 19870404; JP H0234499 B2 19900803; JP S58161438 A 19830926

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EP 83300320 A 19830121; AT 83300320 T 19830121; AU 1062383 A 19830120; DE 3360246 T 19830121; GB 8301655 A 19830121; IN 30DE1983 A 19830118; JP 1209383 A 19830127