Title (en)

METHOD FOR ESTABLISHING A CONNECTION IN A MOBILE COMMUNICATION NETWORK

Title (de)

VERFAHREN FÜR VERBINDUNGSHERSTELLUNG IN EINEM MOBILEN KOMMUNIKATIONSNETZ

Title (fr)

PROCEDE POUR ETABLIR UNE CONNEXION DANS UN RESEAU DE COMMUNICATION MOBILE

Publication

EP 0963671 A1 19991215 (EN)

Application

EP 97948920 A 19971219

Priority

- FI 9700813 W 19971219
- FI 965200 A 19961223

Abstract (en)

[origin: WO9831178A1] To detect a subscriber station duplicate in a mobile communication system a first counter (108) with a first value (EA) therein is maintained in the system, a second counter (308) is maintained in a network infrastructure, a value calculated by the second counter is stored separately as a second value (TA) for each subscriber station in a register, a call establishment request with the first value (EA) therein is sent from said subscriber station in the network infrastructure on a calling channel, the second value (TA) is retrieved from the register for said subscriber station, the first value is compared with the second value, and if the first value and the second value are identical, said call establishment is accepted, a random number is selected in the network infrastructure, the random number is sent to the subscriber station on a traffic channel and the first value and the second value are updated with the number. The invention further relates to a mobile communication system exchange, a mobile communication system subscriber station and a mobile communication system wherein the method of the invention can be utilized.

IPC 1-7

H04Q 7/38; H04L 9/32

IPC 8 full level

H04Q 7/38 (2006.01); **H04W 12/00** (2009.01)

CPC (source: EP US)

H04W 12/122 (2021.01 - EP US)

Citation (search report)

See references of WO 9831178A1

Cited by

CN105790942A

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9831178 A1 19980716; **WO 9831178 A9 19990722**; AU 7995698 A 19980803; BR 9713788 A 20000208; CN 1110222 C 20030528; CN 1245622 A 20000223; EP 0963671 A1 19991215; FI 108327 B 20011231; FI 965200 A0 19961223; FI 965200 A 19980624; RU 2201040 C2 20030320

DOCDB simple family (application)

FI 9700813 W 19971219; AU 7995698 A 19971219; BR 9713788 A 19971219; CN 97181526 A 19971219; EP 97948920 A 19971219; FI 965200 A 19961223; RU 99116609 A 19971219